

# GENERATING INFINITE POSSIBILITIES



ANNUAL  
REPORT | **2020**




**CKPower**  
ENDLESS ENERGY



# GENERATING INFINITE POSSIBILITIES



CKPower  
Annual Report 2020



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# LEADING IN SUSTAINABLE ENERGY

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Strive to develop clean energy and build reliable and strong foundation for energy stability. Select modern and eco-friendly technology to ensure the balance between business operations, communities and the environment. Aspire to be the Best-in-Class sustainable power producer in the ASEAN region.

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# DRIVING GROWTH PROFITABILITY WITH SUSTAINABILITY

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Drive corporate strategy with emphasis on Growth, Profitability and Sustainability. Build strong and sustainable long-term confidence of investors and all stakeholders.

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# COMMITTING TO CONSERVE THE ENVIRONMENT AND WELLBEING OF THE SOCIETY AND COMMUNITY

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Commit to conserve the environment together with enhancing the quality of life of the community. Support the United Nations Sustainable Development Goals and the UN Global Compact membership with commitment to adhere to its ten principles, while being recognized with prestigious local and international sustainability awards.

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# VISION

To be a leading power business company in Thailand and the ASEAN region, with efficient operation.

# MISSION

- 01** To generate an optimal, stable and fair return for shareholders.
- 02** To be responsible to the environment, community and all stakeholders.





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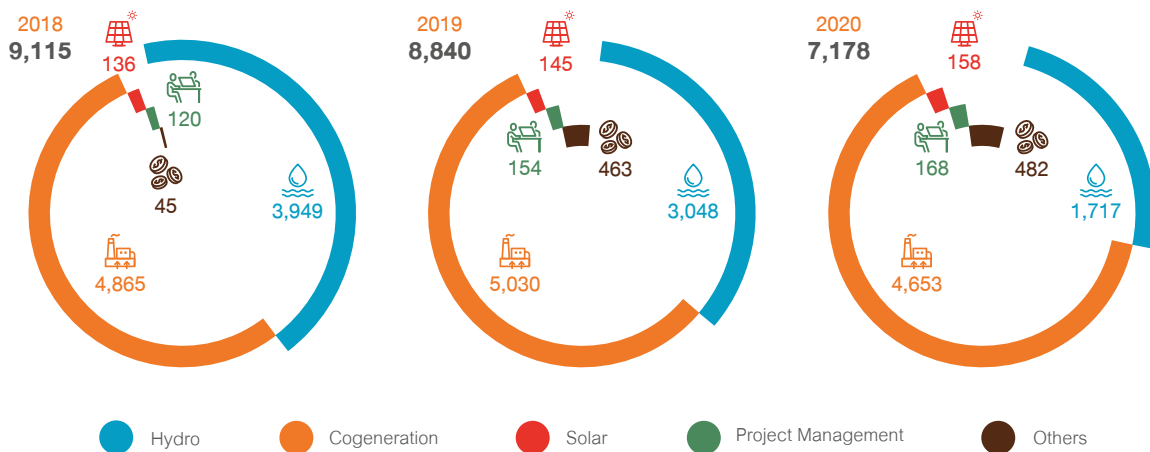
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# FINANCIAL HIGHLIGHTS

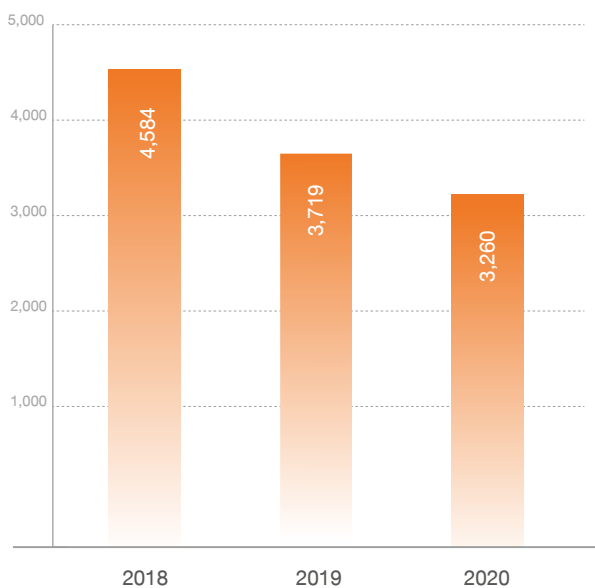
## Revenue Breakdown<sup>1</sup>

Unit: Baht Million



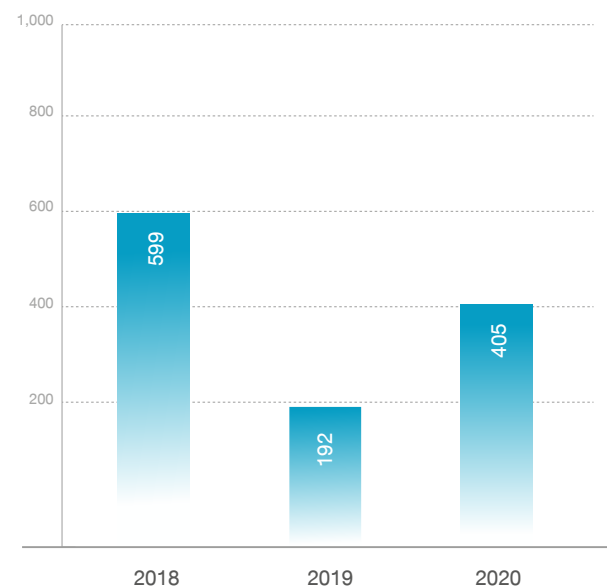
## Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA)<sup>2,3</sup>

Unit: Baht Million



## Net Profit Attributable to Equity Holders of the Company<sup>2,3</sup>

Unit: Baht Million

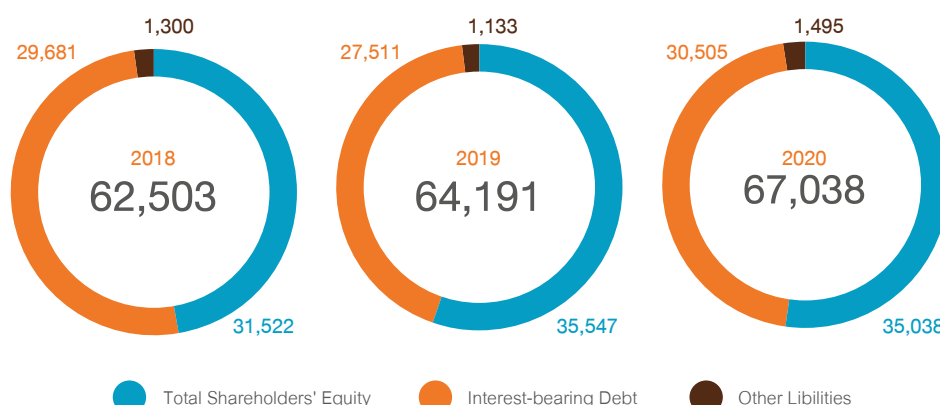


Remark:

<sup>1</sup> Excluding Foreign Exchange Gain<sup>2</sup> Including Share of Profit from Investments in Jointly Controlled Entities and Associated Companies<sup>3</sup> Excluding One-time Item

## Financial Position

Unit: Baht Million



Total Revenues  
**7,178** Baht Million



Earnings Per Share\*  
(Baht)<sup>2</sup>  
**0.050**



Net Profit Margin  
Attributable to Equity  
Holders of the  
Company (%)<sup>2</sup>  
**5.6%**



Total Assets  
**67,038** Baht Million



Net Interest-bearing  
Debt to Total  
Shareholders'  
Equity Ratio (Times)  
**0.60**

Unit: Baht Million	2018	2019	2020
Revenue from Sales of Electricity and Steam	8,950	8,223	6,527
Project Management Income	120	154	168
Other Income	45	463	482
<b>Total Revenues</b>	<b>9,115</b>	<b>8,840</b>	<b>7,178</b>
Gross Profit	2,966	2,263	1,188
EBITDA <sup>1, 2</sup>	4,584	3,719	3,260
Net Profit Attributable to Equity Holders of the Company <sup>1, 2</sup>	599	192	405
<b>Earnings Per Share* (Baht)<sup>2</sup></b>	<b>0.081</b>	<b>0.025</b>	<b>0.050</b>
Total Assets	62,503	64,191	67,038
Total Liabilities	30,981	28,644	32,000
Total Shareholders' Equity	31,522	35,547	35,038
Gross Profit Margin (%)	32.5%	25.6%	16.5%
EBITDA Margin (%) <sup>2</sup>	50.3%	42.1%	45.4%
<b>Net Profit Margin Attributable to Equity Holders of the Company (%)<sup>2</sup></b>	<b>6.6%</b>	<b>2.2%</b>	<b>5.6%</b>
Total Liabilities to Total Shareholders' Equity Ratio (Times)	0.98	0.81	0.91
<b>Net Interest-bearing Debt to Total Shareholders' Equity Ratio (Times)</b>	<b>0.76</b>	<b>0.62</b>	<b>0.60</b>
Current Ratio (Times)	2.52	1.95	1.68
Return on Equity (%) <sup>3</sup>	3.3%	0.9%	1.7%
Return on Assets (%) <sup>4</sup>	1.0%	0.3%	0.6%

Remark :

\* Calculated from Weighted Average Number of Ordinary Shares

<sup>1</sup> Including Share of Profit from Investments in Jointly Controlled Entities and Associated Companies<sup>2</sup> Excluding One-time Item<sup>3</sup> Calculated from Net Profit Attributable to Equity Holders of the Company divided by average Equity<sup>4</sup> Calculated from Net Profit Attributable to Equity Holders of the Company divided by average Assets

# MESSAGE FROM CHAIRMAN OF THE BOARD OF DIRECTORS

To: Shareholders and Stakeholders of All Sectors

2020 marks another milestone for the pride and growth of CK Power Public Company Limited and its affiliated companies, with our missions to achieve the sustainable business growth, support clean energy production and utilization, and use innovation and technology for electricity production to take care of the environment.



Despite the global crisis of the current COVID-19 pandemic since early last year, such crisis in no way had an impact on the power plants under management of the Company and its affiliated companies. The Company remained capable of continuously producing and distributing electricity as stipulated in the respective Agreements to the Electricity Generating Authority of Thailand (EGAT), Electricité du Laos, including retail electricity users, and also remained capable of generating the net profit of up to Baht 405 Million, a growth by 111 percent as compared to that in 2019 in which the net operating profit amounted to Baht 192 Million. Moreover, with the Company's efficient management of the debt to equity ratio, TRIS Rating Co., Ltd. therefore affirmed the Company's credit rating at "A" with "Stable" outlook, reflecting the performance in development and operation of the large-scale power plant projects and cash flows expected to obtain from the Power Purchase Agreement with EGAT. In the context of the organization, the Company conducted a materiality analysis, raised environmental awareness among staff to ensure staff's active cooperation in devising projects and innovations emphasizing solutions to the world's current environmental and social challenges, while enhancing human resource development to enable them to learn new things through executive and staff training in a variety of formats, including improvement of the organization-wide operating processes to keep pace with the age of Digital Transformation, in order to become one of the organizations with sustainable business management.

With the Company's commitment of developing clean energy and laying the foundation of energy security both inside and outside the country, to that end, sustainability has always been defined as the main mission and corporate culture. For this reason, the Company formulated a systematic plan for Corporate Social Responsibility activities based on ESG with all three dimensions, i.e., Environment, Social and Governance, in conformity with the United Nations Sustainable Development Goals (UNSDGs). Therefore, 2020 marks the year of pride in which the Company received the prestigious awards both at home and abroad, namely, the Company was nominated as one of the Thailand Sustainability Investment Index (THSI) by the Stock Exchange of Thailand; received an "Excellent" rating from Corporate Governance Report of Thai Listed Companies for three consecutive years from

the Thai Institute of Directors (IOD), guaranteeing that the Company's corporate governance served the purpose in the areas of transparency, fair treatment towards related persons, and auditable disclosure; received the Asian Power Awards 2020 for various innovative projects devised by staff to help diminish the environmental impacts, and the IR Magazine Awards 2020 in Best Crisis Management in Southeast Asian for building knowledge and understanding of water and environmental management and electricity production of the Xayaburi Hydroelectric Power Plant in the Lao PDR. These remarkable achievements represent another milestone and are a good reminder of the importance of driving the organization towards stable and sustainable growth. Ultimately, the Company was able to achieve its goals and make important strategic progress, in terms of growth, profitability and sustainability, all of which enhanced the confidence of investors and stakeholders of all sectors in the long run.

On behalf of all directors, executives, and employees, I would like to extend my gratitude to all of our shareholders, alliances, and stakeholders of all sectors for your trust in and continued support to the Company. Please rest assured that the Board of Directors, the management team and all staff of CKPower and its affiliated companies are fully committed to devoting themselves to the greater development of the organization based on international standard of sustainability by adhering to corporate governance, and being accountable to stakeholders of all sectors. This is to ensure that the Company achieves a steady growth, generates healthy returns for shareholders, as well as playing a part in enhancing stability clean energy for our country, while protecting and developing society, communities, and the environment in the pursuit of sustainability.



(Dr. Thanong Bidaya)

Chairman of the Board of Directors

# REPORT OF THE AUDIT COMMITTEE

The Audit Committee of CK Power Public Company Limited comprises three qualified directors who are knowledgeable, competent and experienced in the fields of accounting, finance and engineering, namely, Dr. Jon Wongswan (independent director) as Chairman of the Audit Committee, Dr. Vicharn Aramvareekul (independent director) and Dr. Patarut Dardarananda (independent director) as Members of the Audit Committee, with the Head of the Internal Audit Division being appointed as secretary to the Audit Committee.

The Audit Committee has performed its duties within the scope and responsibilities as assigned by the Board of Directors, which are specified in writing in the Audit Committee's Charter, with the Audit Committee's Charter requiring to be reviewed at least once a year to ensure that it remains up-to-date and in line with the requirements of the Securities and Exchange Commission and the Stock Exchange of Thailand, together with a quarterly report on its performance to the Board of Directors. In 2020, the Audit Committee held its four meetings among themselves, with the presence of all Members of the Audit Committee in every meeting, and one meeting with the audit without the management's presence, in order to independently inquire about audit scope, method, and significant issues found by the auditor while in performance of duties.

The key performance of duties of the Audit Committee can be summarized as follows:

## 1. Review of Financial Report:

The Audit Committee, in association with the auditor and the management, considered reviewing the quarterly and 2020 annual financial statements of the Company and its affiliated companies, by reviewing the accuracy, completeness of the financial statements, significant adjusting entries, including accounting estimates which might have a material effect on the financial statements, sufficient and appropriate information disclosure, together with changes in financial reporting standards. The auditor provided an unqualified opinion in the Auditor's Report. That was, in 2020, the financial

statements of the Company and its affiliated companies presented fairly, in all material respects, in compliance with generally accepted accounting principles and financial reporting standards, with sufficient and timely information disclosure beneficial to users of the financial statements.

## 2. Review of Internal Control System:

The Audit Committee realizes the significance of the internal control system in accordance with the framework of the Committee of Sponsoring Organizations of the Treadway Commission (COSO), and supports the Company and its affiliated companies in complying with applicable laws, rules, regulations and requirements, with the Internal Audit Division having the duties to independently review and evaluate the sufficiency of the internal control system, and report directly to the Audit Committee. In 2020, the Company and its affiliated companies received no report from the auditor and the Internal Audit Division on violation of applicable laws, rules or regulations.

## 3. Supervision of Internal Audit:

The Audit Committee supports the Internal Audit Division in independently performing its duties and reporting directly to the Audit Committee on its performance. The Audit Committee approves the annual internal audit plan, considers the quarterly report on internal audit results, follows up on matters discovered from the audit, and provides opinions including suggestions beneficial to the Internal Audit Division, as well as promoting development of knowledge and competency of those who perform the internal audit work. In 2020, the Audit Committee approved the Internal Audit Charter to ensure that the performance of the Internal Audit Division achieved efficiency and met international standards.

## 4. Review of Good Corporate Governance:

The Audit Committee considers reviewing the operations of the Company and its affiliated companies in compliance with the laws on securities and exchange, rules and regulations of the Office of the Securities and Exchange Commission, requirements of the Stock



Exchange of Thailand, and other laws applicable to the business operations, including such obligations which may arise from agreements executed with third parties. In addition, the Audit Committee adheres to the Principles of Good Corporate Governance, supports prevention of fraud or corruption, whereby the Company has arranged for adequate and appropriate whistleblowing channels via which whistleblowing reports can be filed, both inside and outside the Company, together with the whistleblowing system, promotes a culture of good corporate governance, treatment with transparency, auditability, as well as formulating the whistleblower protection measures.

**5. Review of Connected Transactions or Transactions which may give rise to a Conflict of Interest:**

The Audit Committee considers reviewing connected transactions or transactions which may give rise to a conflict of interest to ensure the Company's compliance with the applicable laws and requirements of the Office of the Securities and Exchange Commission and the Stock Exchange of Thailand. In 2020, the Audit Committee reviewed the connected transactions and was of the opinion that they were executed under the general trading conditions, with fairness and without transferring benefits between the Company and those who might have a conflict of interest, in the best interests of the Company, along with sufficient information disclosure in accordance with the Principles of Good Corporate Governance and the Notifications of the Board Governors of the Stock Exchange of Thailand and the Securities and Exchange Commission.

**6. Consideration, Selection/Termination, Nomination for Appointment of the Auditor and Proposal of Remuneration for the Auditor:**

The Audit Committee reviews the auditor's performance and the reasonableness of the audit fees of the Company and its affiliated companies. The Audit Committee was of the opinion that the auditor from EY Office Limited was independent, knowledgeable and experienced in terms of audit, consultation on accounting standards, and timely certification of the financial statements. Therefore, it was deemed appropriate to propose the appointment

of either Mr. Chatchai Kasemsrithanawat (Certified Public Accountant No. 5813) or Miss Siraporn Ouannunkun (Certified Public Accountant No. 3844) or Mrs. Chonlaros Suntiasvaraporn (Certified Public Accountant No. 4523) as the auditor with the power to conduct an audit and sign to certify the Company's financial statements for 2020. Such auditors are on the list of auditors approved by the Office of the Securities and Exchange Commission. In addition, the company complies with the announcement of the Capital Market Supervisory Board. Re: Turnover of auditors who performed reviews or audits and gave opinions on the Company's financial statements for the past 7 accounting periods, whether they are consecutive or not. The company may appoint that auditor to be the auditor of the company. After at least 5 consecutive accounting cycles. The 2020 Annual Ordinary General Meeting of Shareholders on August 3, 2020 resolved to approve the appointment of the auditors from EY Office Limited as the auditor for 2020.

In conclusion, the Audit Committee has completely performed its duties under the Audit Committee's Charter and neither provided provisions nor made observations other than on the performance of duties as assigned by the Board of Directors. The Audit Committee has exercised the knowledge and expertise to perform such duties with due care, prudence, provided independent opinions and suggestions beneficial to all stakeholders on an equitable basis. The Company's financial reports are accurate, reliable, in consistency with generally accepted accounting principles and the financial reporting standards, with sufficient internal control system, as well as due and full compliance with the Principles of Good Corporate Governance, applicable laws and requirements relating to the Company's business operations.



(Dr. Jon Wongswan)

Chairman of the Audit Committee

# REPORT OF THE NOMINATION AND REMUNERATION COMMITTEE

The Nomination and Remuneration Committee of CK Power Public Company Limited has three members of independent directors and director in which Dr. Vicharn Aramvareekul serves as Chairman of the Nomination and Remuneration Committee, and Dr. Patarut Dardarananda and Mr. Prasert Marittanaporn serve as Members of the Nomination and Remuneration Committee and appoint Mr. Thanawat Trivisvavet as secretary to the Nomination and Remuneration Committee.

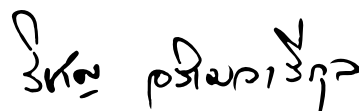
The Nomination and Remuneration Committee has performed its duties under the Charter and the scope of duties as assigned by the Board of Directors. In 2020, there were three meetings of the Nomination and Remuneration Committee which considered and proposed significant matters to the Board of Directors' Meeting and/or Shareholders' Meeting for consideration and approval, as follows:

1. Consideration and selection of candidates as directors to replace those who were due to retire by rotation, by taking into account their qualifications, experience, knowledge, capabilities useful to the Company's business operations. There were four directors who were due to retire by rotation and they were nominated for re-appointment to resume their office for another term;
2. Consideration and appointment of independent directors, Members of the Audit Committee and Members of the Nomination and Remuneration Committee, by way of nomination of qualified candidates under the Notification of the Capital Market Supervisory Board in terms of maturity and credentials, without any prohibited characteristics under the law, to fill the vacancies;
3. Consideration and determination of 2019 annual reward and remuneration for 2020 for directors and members of the subcommittees, by taking into account the appropriateness for duties and responsibilities of the directors, together with the results of the board self-assessment, including the Company's operational

results in 2019, compared with that of companies in the same industry and on similar scale;

4. Consideration and determination of 2019 annual reward and remuneration for 2020 for Managing Director, by taking into account the appropriateness for duties and responsibilities of the Managing Director, including the Company's operational results; compared with that of companies in the same industry and on similar scale,
5. Consideration and review of the Nomination and Remuneration Committee's Charter to ensure that the format and topics are in the same direction and in line with the Corporate Governance Code (CG Code) by The Securities and Exchange Commission, Thailand (S.E.C.) and currently applicable corporate governance criteria, which will be propose to the Board of Director Meeting and announced as guidelines for the Nomination and Remuneration Committee's performance.

In this regard, the Nomination and Remuneration Committee has performed the assigned duties with due care, transparency, fairness and independence in accordance with the Principles of Corporate Governance Code in the best interests of the Company and all stakeholders.



(Dr. Vicharn Aramvareekul)

Chairman of the Nomination and  
Remuneration Committee

# REPORT OF THE CORPORATE GOVERNANCE AND RISK MANAGEMENT COMMITTEE

The Corporate Governance and Risk Management Committee of CK Power Public Company Limited comprises three directors, in which Mr. Narong Sangsuriya (director) serves as Chairman of the Corporate Governance and Risk Management Committee, Dr. Vicharn Aramvareekul (independent director) and Mr. Thanawat Trivisvavet (director) serve as Members of the Corporate Governance and Risk Management Committee, with the knowledgeable and competent person being appointed as secretary to the Corporate Governance and Risk Management Committee.

The Corporate Governance and Risk Management Committee has performed its duties within the scope and responsibilities as assigned by the Board of Directors, which are specified in writing in the Corporate Governance and Risk Management Committee's Charter. In 2020, the Board of Directors approved the review of the Corporate Governance and Risk Management Committee's Charter, in which an additional duties and responsibilities in respect of sustainable development were specified to promote the social and environmental development in parallel with the Company's growth. The Corporate Governance and Risk Management Committee convened its four meetings, with all its members attending every meeting, and quarterly reported on its performance to the Board of Directors to oversee and monitor progress of compliance with the Principles of Good Corporate Governance, and supported the Company's risk management and sustainable development on a continuous basis.

The key performance of the duties of the Corporate Governance and Risk Management Committee can be summarized as follows:

## Corporate Governance

1. Approving the review of the codes of conduct and policies in relation to corporate governance of the Company to ensure their consistency with the Principles of Good Corporate Governance and the Company's current business operations in order to encourage and support executives and staff at all levels of the Company and its affiliated companies in adherence to the corporate governance;
2. Supporting the assessment of performance of the Board of Directors at least once a year for the purpose of considering its performance in the previous year and operational plans for the following year, and its compliance with the Principles of Good Corporate Governance for Listed Companies;
3. Promoting and supporting such arrangements concerning good corporate governance in respect of:
  - The assessment of the quality of the shareholders' meetings of the Company by the Thai Investors Association, in order to promote such meetings by taking into account the shareholders' rights in accordance with the good corporate governance guidelines. In 2020, the Company received an average score of 100 percent.
  - Participation in the Corporate Governance Report of Thai Listed Companies (CGR) by the Thai Institute of Directors Association (IOD). In 2020, the Company's overall average score was 91 percent, representing an "Excellent" rating, which was higher than the overall average assessment of the listed companies at 83 percent and higher than average score of listed companies in SET100.

## Risk Management

1. Considering the annual risk management plans of the Company and its affiliated companies to ensure that such plans have addressed such internal and external risk factors which may affect the Company's operations, and considering measures to manage such risks to stay at the level acceptable to the Company, as well as considering guidelines for risk control to timely mitigate potential damages;
2. Monitoring and supervising the results of risk management on a quarterly basis through the reports on risk management from the management of the Company and its affiliated companies to ensure consistency with the Company's operations and changes in circumstances;
3. Promoting a culture of enterprise-wide risk management to ensure staff at all levels' awareness of risk management and integration of risk management into part of the operations. In 2020, the Company and its affiliated companies communicated guidelines on risks and risk management to the risk management working group, comprising high-ranking executives of the Company and its affiliated companies (excluding managing directors), to support development of knowledge regarding risks and risk management on a continuous basis.

## Sustainable Development

1. Overseeing and supporting works in respect of sustainable development by reviewing the sustainable management policy and providing opinions on operations in terms of sustainable development, as well as considering approving key business matters (Materiality) in order to establish strategies and goals for the sustainable development of the Company in accordance with international practices;
2. Promoting and emphasizing the Environmental, Social and Governance (ESG). In 2020, the Company received the Thailand Sustainability Investment (THSI) award from the Stock Exchange of Thailand;

3. Acknowledging progress reports on sustainability performance of the Company and its affiliated companies to promote and support the sustainable development activities for society, communities and environment. In 2020, the Company joined the members of the United Nations Global Compact of Thailand to ensure that the Company adhered to international practices in its operations and promoted sustainable development activities within the organization, participated in the VIBHAVADI ZERO WASTE campaign for sustainable waste management within the Company, as well as organizing a "Bottle Separation...Help Doctors" activity by transforming PET bottles into PPE suits for medical personnel to support and promote performance of their duties during the outbreak of Coronavirus Disease 2019.

In conclusion, the Corporate Governance and Risk Management Committee is of the opinion that the Company and its affiliated companies are committed to conducting the business operations with legitimacy, transparency, adherence to the corporate governance, and also conduct the risk management covering key risk factors to contribute to the efficiency and effectiveness in the Company's operations to meet the set targets, as well as thoroughly considering various risks, including support of works in respect of systematic sustainable development by giving priority to the Environment, Social and Governance in pursuit of the sustainable business growth.



(Mr. Narong Sangsuriya)

Chairman of the Corporate Governance  
and Risk Management Committee

# BOARD OF DIRECTORS



**Dr. Thanong Bidaya**

Age 73 Years

Chairman of the Board of Directors / Independent Director

## Shareholding in the Company (%)

-

## Education/Training

- Ph.D. in Management Northwestern University, U.S.A.
- M.A. in Economics Northwestern University, U.S.A.
- B.A. in Economics Yokohama National University, Japan
- Directors Accreditation Program (DAP) Class 25/2004  
Thai Institute of Directors Association

## Current Positions

### Position in other Listed Company

- S.Khonkaen Foods Public Company Limited:  
Chairman of the Board of Directors/Independent Director
- Property Perfect Public Company Limited:  
Chairman of the Board of Directors
- Scan Inter Public Company Limited (2012-August 2020):  
Chairman of the Board of Directors/Independent Director
- TTW Public Company Limited:  
Chairman of the Board of Directors/Independent Director

### Position in other Company

- Xayaburi Power Company Limited:  
Chairman of the Board of Directors
- Luang Prabang Power Company Limited:  
Chairman of the Board of Directors





## Mr. Plew Trivisvavet

Age 75 Years

Chairman of the Executive Committee / Director

### Shareholding in the Company (%)

0.062

### Education/Training

- The Honorary Doctor of Science Degree, Industrial Management Technology, Southeast Bangkok College
- Honorable Doctorate of Engineering (Civil Engineering) Kasetsart University
- Honorable Doctorate of Science (Civil Engineering) Thai-Nichi Institute of Technology
- Honorable Doctorate of Engineering (Civil Engineering) Nakhon Phanom University
- Honorable Doctorate of Engineering (Civil Engineering) Rajamangala University of Technology Isan
- M.Sc. (Electrical Engineering), Osaka University, Japan
- B.Sc. (Electrical Engineering), Osaka University, Japan
- Advance Certificate of Energy Academy Class 10/2017 Thailand Energy Academy
- National Defence Course for the Joint State Private Sector, Class 366 National Defence College
- Capital Market Academy Leadership Program (CMA), Class 4/2007 Capital Market Academy
- Director Certification Program (DCP) Class 50/2004
- Thai Institute of Directors Association Director Accreditation Program (DAP) Class 18/2004 Thai Institute of Directors Association
- Finance for Non-Finance Directors (FND) Class 13/2004 Thai Institute of Directors Association

### Current Positions

#### Position in other Listed Company

- Bangkok Expressway and Metro Public Company Limited: Vice Chairman of the Board of Directors/Chairman of the Executive Committee/ Nomination and Remuneration Committee Member/Director
- CH. Kamchang Public Company Limited: Chairman of the Executive Committee/ Corporate Governance and Risk Management Committee Member/ Nomination and Remuneration Committee Member
- TTW Public Company Limited: Vice Chairman of the Board of Directors/Director

#### Position in other Company

- SouthEast Asia Energy Limited: Chairman of the Executive Committee/Director
- Nam Ngum 2 Power Company Limited: Chairman of the Executive Committee/Director
- Xayaburi Power Company Limited: Chairman of the Executive Committee/Director
- Luang Prabang Power Company Limited: Chairman of the Executive Committee/Director
- Bang Pa-in Land Development Company Limited: Director
- CH.Kamchang-Tokyu Construction Company Limited: Chairman of the Board of Directors





### Dr. Jon Wongswan

Age 46 Years

Chairman of the Audit Committee / Independent Director

#### Shareholding in the Company (%)

0.005

#### Education/Training

- Doctor of Philosophy in Economics Duke University, U.S.A.
- Master of Economics Duke University, U.S.A.
- Bachelor of Economics (1st Class Honors and Gold Medal)  
Chulalongkorn University
- Director Accreditation Program (DAP) Class 157/2019  
Thai Institute of Directors Association

#### Current Positions

Position in other Listed Company

- Kiatnakin Phatra Securities Public Company Limited: Assistant Managing Director:  
Head of Investment Solutions Department, Wealth Management Group

Position in other Company

-



### Mr. Narong Sangsuriya

Age 76 Years

Chairman of the Corporate Governance and Risk Management Committee /  
Director

#### Shareholding in the Company (%)

-

#### Education/Training

- Bachelor of Engineering (Civil), Chulalongkorn University
- Director Certification Program (DCP) Class 54/2005  
Thai Institute of Directors Association

#### Current Positions

Position in other Listed Company

- CH. Kamchang Public Company Limited:  
Senior Executive/Corporate Governance and Risk Management Committee Member/  
Nomination and Remuneration Committee Member/  
Executive Committee/Director

Position in other Company

- SouthEast Asia Energy Limited:  
Executive Committee/Director
- Nam Ngum 2 Power Company Limited:  
Executive Committee/Director
- CH.Kamchang-Tokyu Construction Company Limited: Director



## Dr. Vicharn Aramvareekul

Age 72 Years

Chairman of the Nomination and Remuneration Committee /  
Member of the Audit Committee /  
Member of the Corporate Governance and Risk Management Committee /  
Independent Director

### Shareholding in the Company (%)

0.000%

### Education/Training

- Doctorate of Business Administration, California Coast University, U.S.A.
- Master of Business Administration, Chulalongkorn University
- Bachelor of Business Administration, Sukhothai Thammathirat Open University
- Advance Audit Committee Program (AACP) Class 34/2019  
Thai Institute of Directors Association
- Board that make Difference, (BMD) Class 6/2018  
Thai Institute of Directors Association
- Role of the Compensation Committee (RCC) Class 19/2014  
Thai Institute of Directors Association
- Director Certification Program (DCP) Class 170/2013  
Thai Institute of Directors Association
- 4-year Certification Program "Chemical Risk Assessment Method".  
The Oversea Human Resource & Industry Development Association (HIDA), Japan

### Current Positions

#### Position in other Listed Company

- Pacific Pipe Public Company Limited:  
Chairman of the Audit Committee/Independent Director

#### Position in other Company

- Daika (Thai) Company Limited: Chairman of the Advisory Board

**Dr. Patarut Dardarananda**

Age 62 Years

Member of the Nomination and Remuneration Committee /  
Member of the Audit Committee / Independent Director

**Shareholding in the Company (%)**

-

**Education/Training**

- Doctor of Philosophy Program in Public Administration  
Ramkhamhaeng University
- Master of Science in Engineering (Civil)  
Youngstown State University, Ohio, U.S.A.
- Bachelor of Engineering (Civil)  
Chulalongkorn University
- Leadership Succession Program (LSP) Class 1  
Institute of Research and Development for Public Enterprises
- Director Certificate Program (DCP) 271/2019  
Thai Institute of Directors Association
- Advanced Audit Committee Program (AACP) 34/2019  
Thai Institute of Directors Association
- Risk Management Program for corporate Leaders (RCL) 18/2019  
Thai Institute of Directors Association

**Current Positions****Position in other Listed Company**

- TTW Public Company Limited:
  - Chairman of the Nomination and Remuneration Committee
  - Audit Committee Member/Independent Director
  - Corporate Governance Committee/Risk Management Committee (2018-July 2020)

**Position in other Company**

- Pathum Thani Water Company Limited: Director (2018-July 2020)





## Mr. Chaiwat Utaiwan

Age 64 Years

Executive Committee / Director

### Shareholding in the Company (%)

-

### Education/Training

- Master of Business Administration  
Sasin Graduate Institute of Business Administration,  
Chulalongkorn University
- Master of Science (Mathematics and Computer Science)  
University of Louisville, Kentucky, U.S.A.
- Bachelor of Science in Statistics, Faculty of Commerce and Accountancy  
Chulalongkorn University
- Board Nomination and Compensation Program (BNCP) Class 5/2018  
Thai Institute of Directors Association
- Board that make Difference, (BMD) Class 7/2018  
Thai Institute of Directors Association
- National Defence Course, Class 20  
The National Defence College
- Capital Market Academy Leadership Program (CMA), Class 3  
Capital Market Academy
- Corporate Governance for Directors and Senior Executives of State Enterprises  
and Public Organizations and Public Director Institute, Class 12  
King Prajadhipok's Institute
- Top Executive Program in Commerce and Trade Class 6  
University of Thai Chamber of Commerce
- Bhumipalung Phandin Program for senior executive level program, Class 1  
Chulalongkorn University
- Role of Chairman Program (RCP) Class 29/2012  
Thai Institute of Directors Association
- Director Certification Program (DCP) Class 18/2002  
Thai Institute of Directors Association

### Current Positions

#### Position in other Listed Company

- TTW Public Company Limited: Advisor to the Board of Directors
- Next Capital Public Company Limited: Chairman of the Board of Directors
- Thanasiri Group Public Company Limited: Chairman of the Board of Directors
- TBSP Public Company Limited: Chairman of the Board of Directors
- Grand Asset Hotels and Property Public Company Limited:  
Chairman of the Risk Management Committee/Independent Director

#### Position in other Company

- Civil Engineering Public company Limited: Chairman of the Board of Directors
- MDCUS Company Limited: Chairman of the Board of Directors
- Advance Power Conversion Company Limited: Chairman of the Board of Directors
- Thai Red Cross Society: Director of Finance Bureau
- Faculty of Commerce and Accountancy, Thammasat University: Qualified Director
- Thai Institute of Directors Association (IOD): Director
- Faculty of Commerce and Accountancy, Chulalongkorn University:  
Director of Advisory Board
- King Rama II Phraboromrachanusorn Foundation: Qualified Director

**Mr. Prasert Marittanaporn**

Age 64 Years

Member of the Nomination and Remuneration Committee /  
Executive Committee / Director

**Shareholding in the Company (%)**

-

**Education/Training**

- Master of Business Administration Kasetsart University
- Bachelor of Accounting, Chulalongkorn University
- Successful Formulation & Execution of Strategy (SFE) Classs 6/2010  
Thai Institute of Directors Association
- Capital Market Academy Leadership Program, (CMA), Class 9/2009
- Capital Market Academy Role of the Compensation Committee (RCC) Class 6/2008  
Thai Institute of Directors Association
- Director Certification Program (DCP) Class 54/2005  
Thai Institute of Directors Association

**Current Positions****Position in other Listed Company**

- CH. Kamchang Public Company Limited: Senior Executive/  
Corporate Social and Environmental Responsibility Committee Member/  
Executive Committee/Director

**Position in other Company**

- SouthEast Asia Energy Limited: Director
- Nam Ngum 2 Power Company Limited: Director
- CH.Kamchang-Tokyu Construction Company Limited: Director





## Dr. Supamas Trivisvavet

Age 46 Years

Executive Committee / Director

### Shareholding in the Company (%)

-

### Education/Training

- Doctor of Philosophy in Public Administration  
University of Southern California, U.S.A.
- Master of Public Policy, Duke University, U.S.A.
- Bachelor of Arts, Chulalongkorn University
- Executive Program on the Rule of Law and Development (RoLD), Class 1/2017  
Thailand Institute of Justice
- TIJ in Collaboration with the Institute of Global Law and Policy, Harvard Law School Workshop for Emerging Leaders and the Rule of Law & Policy, 2017  
Thailand Institute of Justice
- Capital Market Academy Leadership Program, (CMA) Class 22  
Capital Market Academy
- Company Secretary Forum (R-CSF) Class 1/2013  
Thai Institute of Directors Association
- Special Seminar (RSS) Class 1/2011  
Thai Institute of Directors Association
- Corporate Secretary Program (CSP) Class 37/2010  
Thai Institute of Directors Association
- Effective Minute Taking (EMT) Class 16/2010  
Thai Institute of Directors Association
- Board Reporting Program (BRP) Class 3/2010  
Thai Institute of Directors Association
- Current Issue Seminar (R-CIS) Class 2/2010  
Thai Institute of Directors Association
- Director Certification Program (DCP) Class 106/2008  
Thai Institute of Directors Association
- Developing Corporate Governance Policy, 2008  
Thai Institute of Directors Association

### Current Positions

#### Position in other Listed Company

- CH. Karnchang Public Company Limited: Executive Committee/Director/President

#### Position in other Company

- Kamala Senior Living Company Limited: Director
- CH. Karnchang Real Estate Company Limited: Director
- CH. Karnchang-Tokyu Construction Company Limited: Director
- Mahasiri Siam Company Limited: Director
- CH. Karnchang Holding Company Limited: Director
- CK. Office Tower Company Limited: Director
- Bang Pa-in Land Development Company Limited: Director
- Cholavet Civil Company Limited: Director
- Thai Listed Companies Association (TLCA): Committee
- Chula Arts Alumni Association (CAAA), Chulalongkorn University: Director



**Mr. Vorapote Uchoepaiboonvong****Age 59 Years**

Director

**Shareholding in the Company (%)**

-

**Education/Training**

- Master of Business Administration (International Banking and Finance)  
University of Birmingham, U.K.
- Master of Accountancy (Costing), Chulalongkorn University
- Bachelor of Accountancy, Thammasat University
- Thailand Insurance Leadership Program Class 9  
Office of Insurance Commission (OIC)
- Security Management and Leadership for Executives Programme (SML) Class 10  
The Association of National Defence College of Thailand Under The Royal - Patronage  
of His Majesty The King
- Capital Market Academy Leadership Program (CMA) Class 24  
Capital Market Academy
- Executive Development Program, Class 9  
Fiscal Policy Research Institute Foundation (FPRI)
- Developing Corporate Governance Policy  
Thai Institute of Directors Association
- Company Secretary Program (CSP) Class 25/2008  
Thai Institute of Directors Association
- Director Certification Program (DCP) Class 61/2005  
Thai Institute of Directors Association
- Audit Committee Program (ACP) Class 10/2005  
Thai Institute of Directors Association

**Current Positions****Position in other Listed Company**

- Union Petrochemical Public Company Limited:  
Audit Committee Member/Independent Director

**Position in other Company**

- Bangpa-in Cogeneration Company Limited: Director
- Bangkhenchai Company Limited: Chairman of the Board of Directors
- Xayaburi Power Company Limited: Director/Managing Director
- Luang Prabang Power Company Limited: Executive Committee/Director
- Nakhon Ratchasima Solar Company Limited: Director
- Chiang Rai Solar Company Limited: Director
- Nam Ngum 2 Power Company Limited: Executive Committee/Director/  
Managing Director (2016-Mar 2020)
- SouthEast Asia Energy Limited: Executive Committee/Director/  
Managing Director (2016-Mar 2020)

**Mr. David Van Dau**

Age 37 Years

Director

**Shareholding in the Company (%)**

2.473

**Education/Training**

- Masters Coursework of Macroeconomics  
Georgia State University Atlanta ,GA U.S.A.
- Bachelors of Economics Emory University Atlanta, GA U.S.A.
- Director Accreditation Program (DAP) Class 173/2020 (English Program)  
Thai Institute of Directors Association

**Current Positions**

Position in other Listed Company

-

Position in other Company

- SouthEast Asia Energy Limited: Executive Committee/Director
- Nam Ngum 2 Power Company Limited: Executive Committee/Director
- Xayaburi Power Company Limited: Executive Committee/Director
- Luang Prabang Power Company Limited: Executive Committee/Director
- PT Sole Company Limited: CEO
- Lao Coca-Cola Bottling Company Limited: Director

**Mr. Thanawat Trivisvavet**

Age 42 Years

Member of Corporate Governance and Risk Management Committee  
Executive Committee / Director / Managing Director / Company Secretary

**Shareholding in the Company (%)**

-

**Education/Training**

- Master of Economics Northwestern University, U.S.A.
- Bachelor of Economics (1<sup>st</sup> Class Honours) Duke University, U.S.A.
- Director Certification Program (DCP) Class 116/2009  
Thai Institute of Directors Association

**Current Positions**

Position in other Listed Company

-

Position in other Company

- Nam Ngum 2 Power Company Limited: Executive Committee/Director
- Bangpa-in Cogeneration Limited: Chairman of the Board of Directors
- Bangkhenchai Company Limited: Director
- Xayaburi Power Company Limited:
  - Executive Committee/Director
  - Managing Director (2010-Mar 2020)
- Luang Prabang Power Company Limited:  
Executive Committee/Director/Managing Director

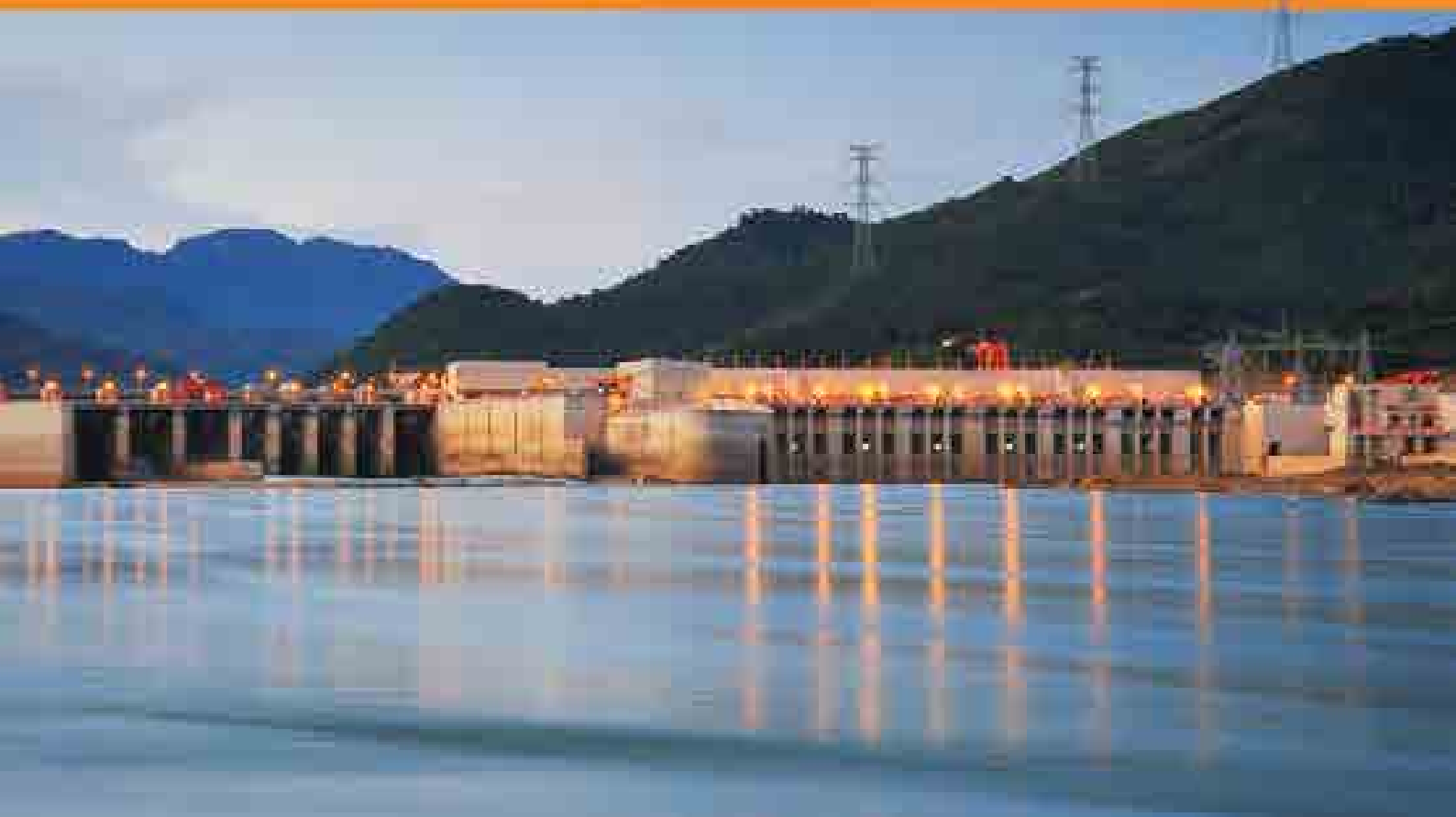


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# BUSINESS OPERATIONS

01

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# BUSINESS POLICY AND OVERVIEW

## Business Overview

CK Power Public Company Limited (the “Company” or “CKP”) was founded by CH. Karnchang Public Company Limited Group (“CH. Karnchang Group”), registered its incorporation on June 8, 2011 with its registered capital of Baht 1,000,000. CKP’s objective is to spearhead CH. Karnchang Group in focusing on investment in the production and distribution of electricity generated from various types of energy sources. The Company registered its conversion into a public company on February 6, 2013. Its ordinary shares were listed as listed securities and started trading on the Stock Exchange of Thailand (“Stock Exchange”) on July 18, 2013 with its registered capital of Baht 5,500 Million, fully paid-up. On April 10, 2015, the Company registered its capital increase to Baht 9,240 Million. At present, the Company’s registered and paid-up capital amounts to Baht 8,129 Million.

The Company currently invests in companies operating the business of production and distribution of electricity in three types of power plants; namely, Hydroelectric Power Plant, Cogeneration Power Plant, and Solar Power Plant, divided into investments in a total of seven subsidiaries and associated companies, as follows:



HYDRO POWER

COGENERATION  
POWER

SOLAR POWER

### Investment in power plants under three subsidiaries:

**NN2**  
**46%**

**BIC**  
**65%**

**BKC**  
**100%**

### Investment in power plants under four associated companies:

**LPCL**  
**42%**

**XPCL**  
**37.5%**

**NRS**  
**30%**

**CRS**  
**30%**

- 1) Nam Ngum 2 Power Company Limited (“NN2”); 46 percent owned by the Company via SouthEast Asia Energy Limited (“SEAN”). NN2 is the Company’s core company
- 2) Bangpa-in Cogeneration Limited (“BIC”); 65 percent owned by the Company
- 3) Bangkhengchai Company Limited (“BKC”); 100 percent owned by the Company

- 1) Luang Prabang Power Company Limited (“LPCL”); 42 percent owner by the Company
- 2) Xayaburi Power Company Limited (“XPCL”); 37.5 percent owned by the Company
- 3) Nakhon Ratchasima Solar Company Limited (“NRS”); 30 percent owned by the Company
- 4) Chiangrai Solar Company Limited (“CRS”); 30 percent owned by the Company

## Vision, Missions and Objectives

### Vision:

To be a leading power business company in Thailand and the ASEAN region, with efficient operation.

### Missions:

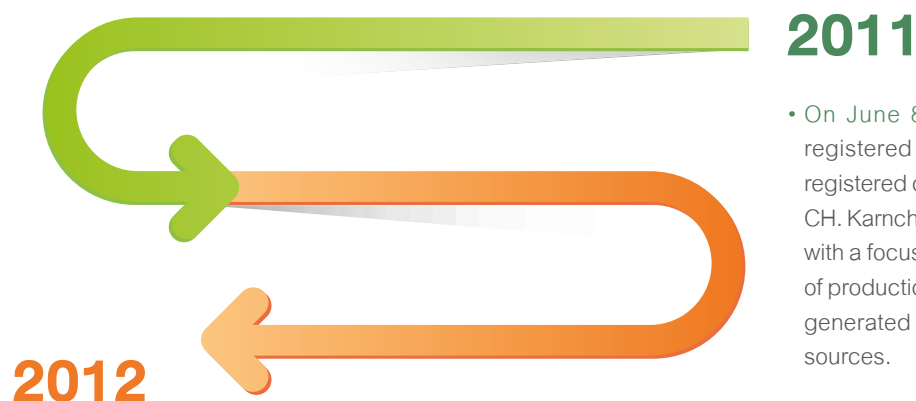
- 1) To generate an optimal, stable and fair return for shareholders;
- 2) To be responsible to the environment, community and all stakeholders.



### Objectives:

The Company has a policy to expand its investments in the electricity production and distribution business generated from various types of energy sources in Thailand and the ASEAN region, with the objective to play a part in enhancing stability of the power sector of the country through its investments in variety of power projects, supported by strong capital base and cooperation among partnership alliances to maximize consistent and sustainable return to shareholders.

## Significant Changes and Development



# 2011

- On June 8, 2011, the Company was registered for its incorporation with the registered capital of Baht 1,000,000, to be CH. Karnchang Group's flagship company with a focus on investment in the business of production and distribution of electricity generated from various types of energy sources.

# 2012

- **May 10, 2012**, the Company acquired additional 110,112,500 ordinary shares in SEAN from Bangkok Expressway Public Company Limited (BECL)<sup>1</sup>, representing 16.7 percent of its registered capital, and as a result, the Company held a total of 361,168,999 shares in SEAN, representing 54.7 percent of its registered and fully paid-up capital.
- **June 26, 2012**, the Company acquired ordinary shares in two companies operating in the business of solar power production and distribution from CH. Karnchang Public Company Limited ("CK"), as follows:
  - 1) 2,342,498 shares in BKC, representing 100 percent of its registered and fully paid-up capital.
  - 2) 664,500 shares in NRS, representing 30 percent of its registered capital, 85.06 percent of which was paid-up.
- **August 31, 2012**, the Company acquired additional 8,809,000 shares in SEAN from TEAM Consulting Engineering and Management Co., Ltd., representing 1.3 percent of its registered capital, thereby resulting in the Company's shareholding in SEAN totaling 369,977,999 shares, or 56 percent of its registered and fully paid-up capital.
- **December 26, 2012**, the Company acquired from CK ordinary shares in two companies operating in the business of electricity production and distribution in Solar Power and Cogeneration Power, as follows:
  - 1) 875,250 shares in CRS, representing 30 percent of its registered capital, 95.01 percent of which was paid-up.
  - 2) 63,019,999 shares in BIC, representing 46 percent of its registered and fully paid-up capital.

Remark: <sup>1</sup> At present, Bangkok Expressway and Metro Public Company Limited ("BEM").

## 2013

- **January 2, 2013**, the Company acquired additional 26,029,999 shares in BIC, representing 19 percent of its registered capital, from Bangpa-in Land Development Co., Ltd., and as a result, the Company held a total of 89,049,998 shares in BIC, or 65 percent of BIC's registered and fully paid-up capital.
- **January 11, 2013**, the Company decreased its registered capital from Baht 9,200 Million to Baht 3,066.7 Million, divided into 306.7 million ordinary shares at the par value of Baht 10 each. The capital decrease was made to return the decreased capital to the shareholders in proportion to their shareholding percentage. Subsequently, in February 2013, the Company increased its registered capital to Baht 4,600 Million for sale to the existing shareholders in proportion to their shareholding percentage, and reduce the par value per share from Baht 10 each to Baht 5 each. Concurrently, the Company also increased its registered capital from Baht 4,600 Million to Baht 5,500 Million by issuance of new 180 million ordinary shares at the par value of Baht 5 each for public offering.
- **February 6, 2013**, the Company registered its conversion into a public company and change of its name to CK Power Public Company Limited.
- **July 18, 2013**, the Company started trading its ordinary shares on the Stock Exchange of Thailand.



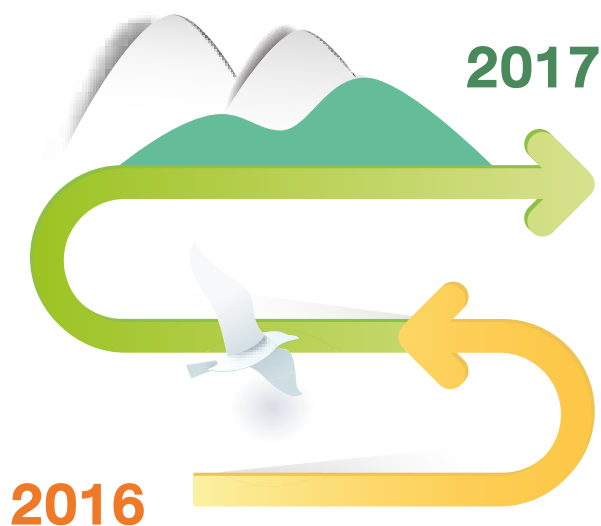
## 2014

- **April 22, 2014**, the 2014 Annual Ordinary General Meeting of Shareholders resolved to approve for the Company to transfer the share premium in the amount of Baht 170 Million to offset the Company's deficit in the Company's separate financial statements.
- **October 28, 2014**, the Company's Extraordinary General Meeting of Shareholders No. 1/2014 resolved to approve BIC to execute a connected transaction for engagement of CK, the Company's major shareholder, as EPC Contractor for the construction of the Bangpa-in Cogeneration Power Project 2, with a total value not exceeding Baht 4,310 Million.



## 2015

- **April 24, 2015**, the Company made the dividend payment from the operating results for 2014 at the rate of Baht 0.1 per share in the total amount of Baht 110 Million, representing the first dividend payment of the Company.
- **May 29, 2015**, the Company decreased the par value per share from Baht 5 to Baht 1 and increased the Company's registered capital by Baht 3,740 Million, the total registered capital then amounted to Baht 9,240 Million, divided into:
  - 1) 1,870 million newly issued ordinary shares for offering for sale to the existing shareholders in proportion to their shareholding percentage (Rights Offering), with the result of the registered and paid-up capital amounting to Baht 7,370 Million.
  - 2) 1,870 million ordinary shares to accommodate the exercise of the right to convert the warrants to purchase the Company's newly issued ordinary shares ("CKP-W1") in the amount of 1,870 million units.
- **June 4, 2015**, 1,870 million newly issued ordinary shares started trading on the Stock Exchange.
- **June 9, 2015**, 1,870 million units of CKP-W1 started trading on the Stock Exchange.
- **June 9, 2015**, the Company acquired 805,830,000 shares in XPCL from CK representing 30 percent of its registered capital, in the total amount of approximately Baht 4,344 Million.



- **April 19, 2016**, the Company's 2016 Annual Ordinary General Meeting of Shareholders resolved to approve as follows:
  - (1) Approved the Company to issue and offer for sale the debentures in the total amount not exceeding Baht 10,000 Million or equivalent in other currency.
  - (2) Approved NN2 to execute a connected transaction for engagement of CH. Karnchang (Lao) Co., Ltd. ("CHK") for the upgrade of voltage and the construction of the 230/500 kV Nabong Substation, in the total amount of Baht 799.85 Million and USD 39.11 Million (exclusive of value added tax), in order to accommodate the power transmission from various projects having the power purchase agreements with the Electricity Generating Authority of Thailand ("EGAT"). The construction was scheduled to be completed in 2018.
- **May 16, 2016**, the Company made the dividend payment from the operating results for 2015 at the rate of Baht 0.02 per share, in the total amount of Baht 164.4 Million.
- **June 17, 2016**, the Company issued and offered for sale the debentures No. 1/2016 to institutional investors and/or high net worth investors, in the total amount of Baht 4,000 Million, with a maturity of three years, at the interest rate of 4 percent per annum. The debentures were name-registered, unsubordinated, unsecured debentures, with debentureholders' representative and the issuer's right to early redemption. The Company redeemed the debentures on June 18, 2018.
- **September 14, 2016**, NN2 entered into the long-term loan agreement with the lending financial institutions for refinancing of existing long-term loans and additional financing for the upgrade and the construction of the Nabong Substation. This achievement resulted in a decrease of NN2's financial costs and enhanced NN2's liquidity.

- **May 18, 2017**, the Company made the dividend payment from the operating results for 2016 at the rate of Baht 0.06 per share, in the total amount of Baht 442.2 Million.
- **June 29, 2017**, the Bangpa-in Cogeneration Power Plant 2 commenced its commercial operation. The plant has an installed capacity of 120 MW, subject to the Power Purchase Agreement with EGAT in the amount of 90 MW for a period of 25 years from the Commercial Operation Date and distributes the remaining electricity to industrial operators in the Bangpa-in Industrial Estate.
- **July 25, 2017**, the Extraordinary General Meeting of Shareholders of NN2 No. 1/2017 resolved to approve NN2 to issue and offer for sale the debentures for debt repayment to financial institutions in the amount and the outstanding value of the debentures not exceeding the existing long-term loan obligations of NN2 owed to the financial institutions, in Baht currency and/or its equivalent in foreign currency, whereby the debentures can be issued and offered for sale in one or several series, on a single or several occasions.
- **July 2017**, BIC called for the payment of the remaining ordinary share for capital increase for investment in the Bangpa-in Cogeneration Power Plant 2, which was fully paid-up, and as a result, BIC's current registered capital was fully paid-up, at Baht 2,705 Million.
- **October 5, 2017**, NN2 issued and offered for sale the name-registered, unsubordinated, unsecured debentures No. 1/2017, with debentureholders' representative, to institutional investors and high net worth investors, in the amount of Baht 6,000 Million, divided into:
  - Baht 1,000 Million Debentures with a maturity of three years at the interest rate of 2.59 percent per annum;
  - Baht 1,400 Million Debentures with a maturity of seven years at the interest rate of 3.48 percent per annum; and
  - Baht 3,600 Million Debentures with a maturity of ten years at the interest rate of 3.69 percent per annum.
 NN2 received a corporate rating of "A/Stable Outlook" and received an issue rating of "A-/Stable Outlook" from TRIS Rating Co., Ltd. ("TRIS Rating").



2018



- **March 30, 2018**, NN2 issued and offered for sale the name-registered, unsubordinated, unsecured, amortizing repayment debenture No. 1/2018, with debentureholder's representative and the issuer's right to early redemption, in the amount of Baht 3,000 Million with a maturity of 12 years at the rate of 3.98 percent per annum. NN2 received a corporate rating of "A/Stable Outlook" and an issue rating of "A-/Stable Outlook" from TRIS Rating. NN2 used the proceeds from the issuance to repay the USD-loan to reduce the financial cost.
- **April 10, 2018**, the 2018 Annual Ordinary General Meeting of Shareholders of the Company resolved to approve the acquisition of shares in XPCL representing 7.5 percent of XPCL's registered capital in the total amount of approximately Baht 2,065 Million from BEM, as well as approving the share payment in proportion to its shareholding percentage in XPCL until completion of the construction of the Xayaburi Hydroelectric Power Project, in the amount of approximately Baht 399.2 Million.
- **May 8, 2018**, the Company made the dividend payment from the operating results for 2017 at the rate of Baht 0.0225 per share in the total amount not exceeding Baht 165.8 Million, representing 57.9 percent of the net profit under the separate financial statements.
- **May 28, 2018**, the Board of Directors' meeting of BKC resolved to approve the investment in six Solar Rooftop and Solar Farm Projects for production and distribution of electricity to the private-sector operators, with the total installed capacity of 6.7 MW. The construction commenced from the third quarter of 2018 and was expected to gradually start the production and commercial distribution of electricity in 2019.
- **June 18, 2018**, the Company issued and offered for sale the name-registered, unsubordinated, unsecured debentures No.1/2018, without debentureholders' representative, to institutional investors, in the amount of Baht 6,500 Million, divided into:
  - Baht 4,000 Million Debentures with a maturity of three years at the interest rate of 2.56 percent per annum and
  - Baht 2,500 Million Debentures with the issuer's right to early redemption with a maturity of ten years at the interest rate of 4.06 percent per annum
 The Company received a corporate rating of "A/Stable Outlook" and an issue rating of "A-/Stable Outlook" from TRIS Rating. The Company utilized the proceeds from the issuance and offering for sale of such debentures to repay the debentures No. 1/2016 issued and offered for sale in 2016 in the amount of Baht 4,000 Million and to pay for the shares in XPCL additionally acquired by the Company from BEM representing 7.5 percent in the amount of Baht 2,065 Million. The remainder of the proceeds was to be used for capital increase in XPCL which would gradually call for the payment until completion of the construction of the project.
- **August 2018**, NN2 completed the upgrade and construction of the Nabong Substation to accommodate transmission of electricity from various projects having the power purchase agreements with EGAT.
- **October 19, 2018**, the Company received an "Excellent" CG Score rating from Corporate Governance Report of Thai Listed Companies 2018 published by the Thai Institute of Directors Association.
- **November to December 2018**, NN2 underwent the Partial Overhaul according to plan.

## 2019

- NN2 entered into the Nabong Substation Lease Agreement with the Government of the Lao PDR after completion of the upgrade of the voltage and the construction of the Nabong Substation, effective from January 1, 2019.
  - **February 8, 2019**, TRIS Rating affirmed NN2's corporate rating of "A/Stable Outlook" and also upgraded NN2's issue rating for all debenture series to "A/Stable Outlook".
  - BKC invested in six Solar Rooftop and Solar Farm Power Plants, as follows:
    - Solar Rooftop Power Plant in Amphoe Phachi, Phra Nakhon Si Ayutthaya Province ("Phachi Solar Power Plant") with the installed capacity of 0.89 MW, commenced electricity distribution to the private-sector operator in February 2019.
    - Solar Rooftop Power Plant in Amphoe Banglen, Nakhon Pathom Province ("Banglen Solar Power Plant") with the installed capacity of 0.97 MW, commenced electricity distribution to the private-sector operator in May 2019.
    - Solar Rooftop Power Plant in Amphoe Sampran, Nakhon Pathom Province ("Phutthamonthon Sai 5 Solar Power Plant") with the installed capacity of 0.97 MW, commenced electricity distribution to the private-sector operator in June 2019.
    - Solar Rooftop Power Plant in Amphoe Mueang Samut Sakhon, Samut Sakhon Province ("Mahachai Solar Power Plant") with the installed capacity of 0.72 MW, commenced electricity distribution to the private-sector operator in June 2019.
    - Solar Rooftop Power Plant in Amphoe Krathum Ban, Samut Sakhon Province ("Krathum Ban Solar Power Plant") with the installed capacity of 0.51 MW, commenced electricity distribution to the private-sector operator in July 2019.
    - Solar Farm Power Plant in Amphoe Khlong Preng, Chachoengsao Province ("Khlong Preng Solar Power Plant") with the installed capacity of 2.67 MW, commenced electricity distribution to the private-sector operator in September 2020.
  - **March 7, 2019**, NN2 issued and offered for sale the name-registered, unsubordinated unsecured, debentures No. 1/2019, with debentureholders' representative, in the amount of Baht 6,000 Million divided into:
    - Baht 3,200 Million Amortized Debentures with a maturity of three years at the interest rate of 3.18 percent per annum;
    - Baht 800 Million Debentures with a maturity of four years at the interest rate of 3.44 percent per annum; and
    - Baht 2,000 Million Debentures with the issuer's right to early redemption with a maturity of eight years at the interest rate of 3.88 percent per annum.
- NN2 utilized the proceeds from the issuance and offering for sale of the debentures to repay all outstanding loans from the financial institutions to reduce the financial cost.
- **April 11, 2019**, TRIS Rating affirmed the Company's corporate rating of "A/Stable Outlook", and also affirmed the Company's issue rating for unsubordinated and unsecured debentures of "A-/Stable Outlook".
  - **May 15, 2019**, the Company purchased additional shares in SEAN accounting for 5.33 percent from PT Holding Limited, totaling Baht 681.5 Million, with SEAN being the major shareholder in NN2, a subsidiary engaging in the Company's main business, thereby resulting in an increase in the Company's shareholding percentage in SEAN from 56.0 percent to 61.33 percent of the registered capital and an increase in its proportion of indirect investment in NN2 from 42.0 percent to 46.0 percent.
  - **May 21, 2019**, the Company paid the dividend from the operating results of the year 2018 at the rate of Baht 0.0280 per share, in the total amount of Baht 206.4 Million, representing the dividend payment rate of 85.7 percent of the net profit under the separate financial statements.
  - **June 2, 2019**, Bangpa-in Cogeneration Power Plant 1 underwent the Major Overhaul according to plan.
  - **June 30, 2019**, 594.2 million shares were exercised under CKP-W1, equivalent to Baht 3,565.4 Million. The Company registered the capital increase on July 1, 2019, and after the capital increase registration, the Company's registered capital increased to Baht 7,964.2 Million.
  - **September 30, 2019**, there were 165.1 million shares exercised under CKP-W1, equivalent to Baht 990.9 Million. The Company registered the capital increase on October 1, 2019, and after the capital increase registration, the Company's registered capital increased to Baht 8,129.4 Million.
  - **October 25, 2019**, the Company received an "Excellent" CG Score rating from Corporate Governance Report of Thai Listed Companies 2019 published by the Thai Institute of Directors Association.
  - **October 29, 2019**, Xayaburi Hydroelectric Power Plant commenced the commercial operation according to schedule specified in the Power Purchase Agreement with EGAT. The plant has installed capacity of 1,285 MW, 1,220 MW of which distributed to EGAT and 60 MW of which distributed to Electricite du Laos.

## Significant Development in 2020



### CKP



- **April 28, 2020**, TRIS Rating affirmed the Company's corporate rating of "A/Stable Outlook" and also affirmed the Company's issue rating for unsubordinated and unsecured debentures of "A-/Stable Outlook".
- **May 12, 2020**, the Company paid the interim dividend from the operating results of the year 2019 due to the postponement of the 2020 Annual Ordinary General Meeting of Shareholders' from the COVID-19 pandemic situation. The dividend payment was made at the rate of Baht 0.0300 per share, in the total amount of Baht 243.9 Million, representing the dividend payment rate of 42.8 percent of the net profit under the separate financial statements.
- **May 28, 2020**, the last exercise date of CKP-W1. The Company registered the capital increase on May 29, 2020. After the capital increase registration, the Company's paid-up capital and share premium increased to Baht 8,129.4 million and Baht 13,319.2 million, respectively.
- **May 28, 2020**, the Company became a member of the United Nations Global Compact (UNGC) Thailand to operate its business to support UNGC's principles of human rights, labor, environment and anti-corruption. Moreover, the Company aims to operate its business to achieve United Nations Sustainable Development Goals (UNSDGs). At present, 8 out of 17 goals of UNSDGs have already been embedded into the Company's business strategy.
- **June 19, 2020**, the Company secured Baht 4,000 Million committed facilities from a financial institution for business expansion and backup liquidity management. As of December 31, 2020, the credit facility had not been used.
- **August 3, 2020**, the 2020 Annual Ordinary General Meeting of Shareholders of the Company approved the extension of credit limit for issuance and offering of debentures to not exceeding Baht 20,000 million from the previous credit limit of not exceeding Baht 10,000 million. The debentures would be the source of fund for business expansion and to enhance the Company's ability to manage liquidity.
- **September 23, 2020**, the Company received Asian Power Awards 2020 in Silver Label under 2 categories, namely:
  - Natural Gas-fired Power Project of the Year
  - Environmental Upgrade of the Year - Thailand
 The Awards recognized the Company for its development of project and innovation to reduce the use of natural resource, minimize the environmental and social impacts, and achieve cost savings from reduction in electricity use.

- **November 11, 2020**, the Company was included in the Thailand Sustainability Investment or THSI list of 2020 by the Stock Exchange of Thailand, reflecting the Company's intent to operate a sustainable business that supports environment, community, and good corporate governance.
- **November 19, 2020**, the Company acquired shares in Luang Prabang Power Company Limited ("LPCL") accounting for 42 percent of LPCL's registered capital from PT Sole Co., Ltd., totaling Baht 12.82 Million, for feasibility study and development of the Luang Prabang Hydroelectric Power Project in Luang Prabang Province, the Lao PDR.
- **November 19, 2020**, the Company received "Excellent" Corporate Governance (CG) score under the Corporate Governance Report of Thai Listed Companies 2020 published by Thai Institute of Directors Association. This has been the Company's 3<sup>rd</sup> consecutive year of achieving such score.
- **November 25, 2020**, the Company issued and offered for sale the name-registered, unsecured, unsubordinated debentures No.1/2020 with

debentureholders' representative, in the amount of Baht 4,000 Million. The Company plans to use the issuance proceeds to rollover of the debentures maturing in the second quarter of 2021, to acquire assets or invest in business and to use as working capital. The debentureholders' were divided into series; namely:

- Baht 1,000 Million Debentures with a maturity of two years at the interest rate of 2.31 percent per annum;
  - Baht 1,500 Million Debentures with a maturity of three years at the interest rate of 2.62 percent per annum; and
  - Baht 1,500 Million Debentures with the issuer's right to early redemption and a maturity of seven years at the interest rate of 3.76 percent per annum.
- **December 8, 2020**, the Company won the IR Magazine Awards 2020 South East Asia in the category of Best Crisis Management. The award recognized the achievement of Xayaburi Hydroelectric Power Plant in engaging with its stakeholders to foster a clear understanding of how the power plant manages its electricity production in conjunction with its water and environmental resource management system.

## NN2



NAM NGUM 2 POWER

- **February 21, 2020**, TRIS Rating affirmed NN2's corporate rating of "A/Stable Outlook" and also affirmed NN2's issue rating for all debentures of "A/Stable Outlook".
- **March 5, 2020**, NN2 issued and offered for sale the name-registered, unsecured, unsubordinated debentures No.1/2020 in a Private Placement transaction to rollover the maturing debentures and to reduce finance cost. The debentures have interest rate of 2.45 percent per annum with a maturity of five years in the total amount of Baht 600 Million.
- **August 7, 2020**, NN2 secured Baht 1,000 Million committed facilities from a financial institution for backup liquidity management. As of December 31, 2020, the credit facility had not been drawn.
- **September 11, 2020**, TRIS Rating affirmed NN2's corporate rating of "A/Stable Outlook" and also affirmed NN2's issue rating for all debentures of "A/Stable Outlook".
- **September 30, 2020**, NN2 issued and offered for sale the name-registered, unsecured, unsubordinated debentures No.2/2020 with debentureholders' representative in the amount of Baht 1,000 Million to rollover the maturing debentures and to reduce finance cost, divided into:
  - Baht 400 Million Debentures with a maturity of three years at the interest rate of 3.20 percent per annum; and
  - Baht 600 Million Debentures with a maturity of five years at the interest rate of 3.60 percent per annum.

## BKC



- **September 2020**, Khlong Preng Solar Power Plant, the solar farm under BKC investment, started the electricity distribution to a private-sector operator.

## Shareholding Structure

### 1. Policy on Operation Division of Group Companies

The Company operates its business as a holding company by investing in the companies, which operate the business of production and distribution of electricity generated from various types of energy. The Company's core revenue under the Company's separate financial statements is from dividends received from investments in subsidiaries and associated companies.

The Company has a mechanism in place to supervise operations of its subsidiaries and associated companies in a form of Shared Service Center, which performs work as if it were a work unit of such subsidiaries and associated companies, thereby enabling the Company to establish a standardized operation procedures with segregation of duties and appropriate internal control. Furthermore, the

Shared Service Center enable the Company to enhance employee's specialized expertise to ensure more efficient operation and more effective management.

### 2. Shareholding Structure of the Company Group

The Company's total investment value in companies operating the business of production and distribution of electricity, which is the Company's core business, is at 100 percent, which is in accordance with the criteria for maintaining the status of listed companies of holding companies pursuant to the Regulations of the Stock Exchange of Thailand Re: Listing of Ordinary Shares or Preferred Shares as Listed Securities B.E. 2558 (2015). The details of the shareholding structure of the Company Group are as follows:

Group of Companies Operating Core Business	Nature of Business	Shareholding Percentage (%)	Other Shareholders
SouthEast Asia Energy Limited	Investment in hydroelectric power production business	61.33%	<ul style="list-style-type: none"> <li>• RATCH Group Public Company Limited 33.33%</li> <li>• Shlapak Development Company Limited 5.33%</li> </ul>
Nam Ngum 2 Power Company Limited <sup>2</sup>	Production and distribution of electricity from hydroelectric power	46.00% <sup>3</sup>	<ul style="list-style-type: none"> <li>• SouthEast Asia Energy Limited 75.00%</li> <li>• EDL - Generation Public Company 25.00%</li> </ul>
Bangpa-in Cogeneration Limited	Production and distribution of electricity and steam from the cogeneration system	65.00%	<ul style="list-style-type: none"> <li>• Global Power Synergy Public Company Limited 25.00%</li> <li>• Industrial Estate Authority of Thailand 8.00%</li> <li>• Other minority shareholders 2.00%</li> </ul>
Bangkhenchai Company Limited	Production and distribution of electricity from the solar power	100.00%	-
Xayaburi Power Company Limited	Production and distribution of electricity from hydroelectric power	37.50%	<ul style="list-style-type: none"> <li>• Natee Synergy Company Limited 25.00%</li> <li>• EDL - Generation Public Company 20.00%</li> <li>• Electricity Generating Public Company Limited 12.50%</li> <li>• PT Sole Company Limited 5.00%</li> </ul>
Luang Prabang Power Company Limited	Production and distribution of electricity from hydroelectric power	42.00%	<ul style="list-style-type: none"> <li>• PT Sole Company Limited 38.00%</li> <li>• CH. Karnchang Public Company Limited 10.00%</li> <li>• Petro Vietnam Power Corporation 10.00%</li> </ul>

Remark: <sup>2</sup>Core company of CKP.

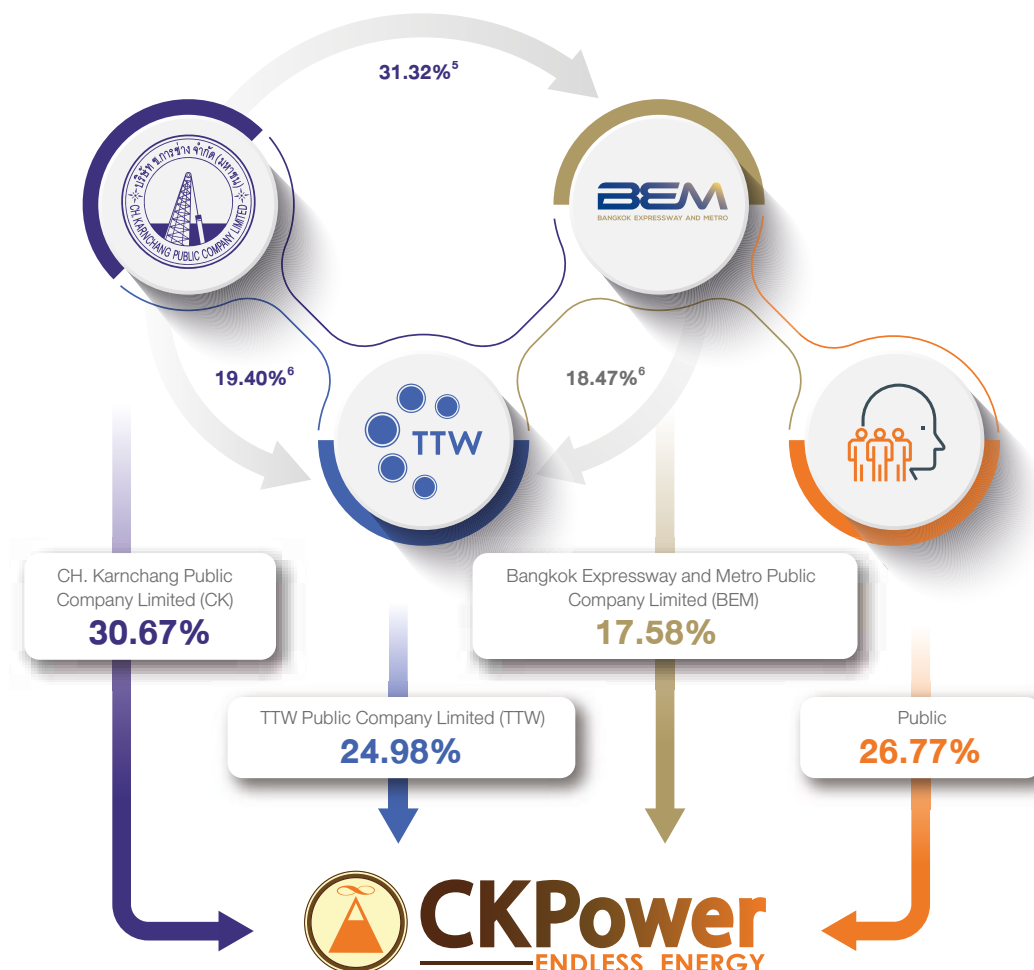
<sup>3</sup>Calculated based on SEAN's shareholding percentage by CKP.

Group of Companies Operating Core Business	Nature of Business	Shareholding Percentage (%)	Other Shareholders
Nakhon Ratchasima Solar Company Limited	Production and distribution of electricity from the solar power	30.00%	Solar United Network Thailand I Ltd. 70.00%
Chiangrai Solar Company Limited	Production and distribution of electricity from the solar power	30.00%	Solar United Network Thailand II Ltd. 70.00%
CKP Solar Limited*	Development of electricity production business of various types	100.00%	-
Vis Solis Limited*	Development of electricity production business of various types	100.00%	-
Helios Power Limited*	Development of electricity production business of various types	100.00%	-
Apollo Power Limited*	Development of electricity production business of various types	100.00%	-
Sole Power Limited*	Development of electricity production business of various types	100.00%	-

Remark: \*Not in operation.

## Relationship with Major Shareholders

The Company's shareholding structure and percentages as at December 30, 2020, which was the Company's most recent closing date of the share register<sup>4</sup>, were as follows:



The Company's three major shareholders comprise CK (30.67 percent), BEM (17.58 percent), and TTW (24.98 percent), all of which, including the Company, are deemed to be in CH. Karnchang Group.

Remark: <sup>4</sup>Source: The Thailand Securities Depository Co., Ltd.

<sup>5</sup>Shareholding proportion (%) of BEM as at June 26, 2020

<sup>6</sup>Shareholding proportion (%) of TTW as at September 3, 2020

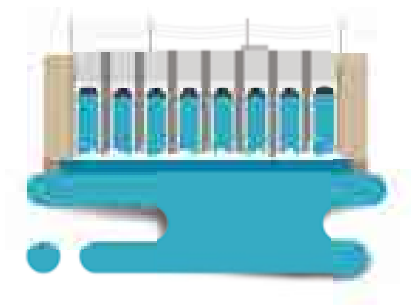
# NATURE OF BUSINESS OPERATIONS

The Company operates its core business as a holding company, engaging in production and sales of electricity from various types of energy, both in Thailand and overseas. The Company's core revenue as shown in the consolidated financial statements is derived from revenue from sales of electricity and steam (including electricity tariff adders) and project management income. As at December 31, 2020, the Company has the total installed capacity of 2,167 MW. The Company classifies its investments in the electricity production and distribution business into three business sectors as follows:



## 01

### Hydroelectric Power Plant



- Nam Ngum 2 Hydroelectric Power Plant
- Xayaburi Hydroelectric Power Plant



## 02

### Cogeneration Power Plant



- Bangpa-in Cogeneration Power Plant 1
- Bangpa-in Cogeneration Power Plant 2



## 03

### Solar Power Plant



- Bangkhenchai Solar Power Plant
- Phachi Solar Power Plant
- Banglen Solar Power Plant
- Phutthamonthon Sai 5 Solar Power Plant
- Mahachai Solar Power Plant
- Krathum Ban Solar Power Plant
- Khlong Preng Solar Power Plant
- Nakhon Ratchasima Solar Power Plant
- Chiangrai Solar Power Plant



## Revenue Breakdown during 2018 – 2020

Unit: Million Baht

Revenue	Installed Capacity (MW)	Operated by	% of Shareholding	2018	% of Total Revenue	2019	% of Total Revenue	2020	% of Total Revenue
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## Revenue from sales of electricity and steam

Hydroelectric power plant	615.0	SEAN	61.3%	3,949.3	43.3%	3,048.0	32.9%	1,716.6	22.6%
Cogeneration power plants	237.5	BIC	65.0%	4,864.6	53.3%	5,030.2	54.2%	4,652.6	61.3%
Solar power plant	14.7	BKC	100.0%	136.1	1.5%	144.8	1.6%	157.8	2.1%
Total revenue from sales of electricity and steam				8,949.9	98.1%	8,223.0	88.7%	6,527.0	86.1%

## Share of profit (loss) from investments in jointly controlled entities and associated companies

Hydroelectric power plant	1,285.0	XPCL	37.5%	(33.7)	(0.4%)	392.2	4.2%	366.7	4.8%
Solar power plant	6.0	NRS	30.0%	23.5	0.3%	16.9	0.2%	15.9	0.2%
Solar power plant	8.0	CRS	30.0%	16.9	0.2%	24.0	0.3%	24.8	0.3%
Total share of profit from investments in jointly controlled entities and associated companies				6.7	0.1%	433.1	4.7%	407.4	5.4%

## Other income

Project management income	The Company	119.9	1.3%	153.9	1.7%	168.1	2.2%
Interest income and other income*	The Company and its subsidiaries	45.0	0.5%	463.3	5.0%	482.4	6.4%
Total other income		164.9	1.8%	617.2	6.7%	650.5	8.6%
Total revenue		9,121.5	100.0%	9,273.3	100.0%	7,584.9	100.0%

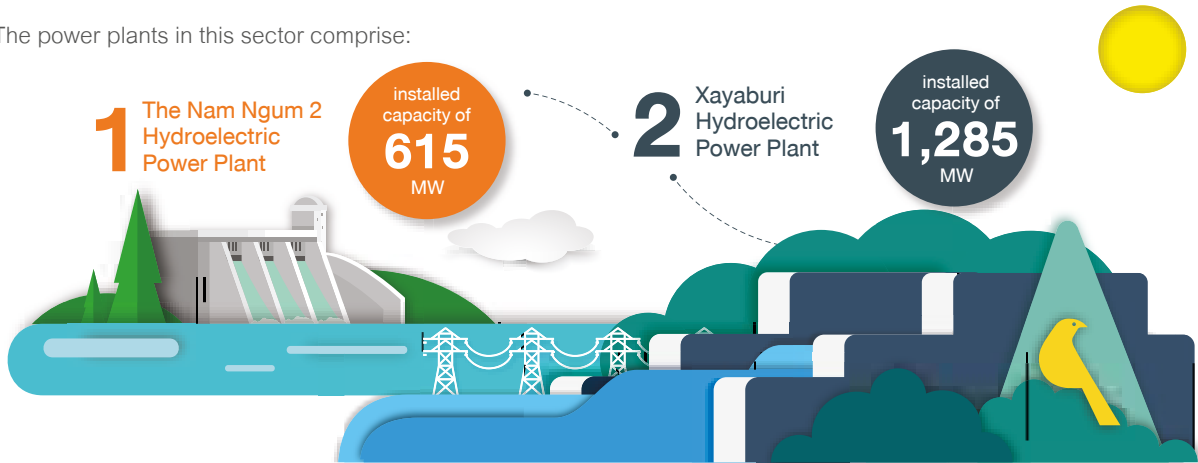
Remarks: \* Excluding foreign exchange gain



# 01

## Hydroelectric Power Business

The power plants in this sector comprise:



### Products or Services of Hydroelectric Power Business

#### The Nam Ngum 2 Hydroelectric Power Plant

The Company holds shares in Nam Ngum 2 Power Company Limited ("NN2") representing 46 percent of the registered and paid-up capital (by investment via SouthEast Asia Energy Limited), which is a company registered in the Lao People's Democratic Republic ("Lao PDR"), and is awarded the concession from the Government of the Lao PDR for the design, development, construction and operation of Nam Ngum 2 Hydroelectric Power Plant for a period of 25 years from the Commercial Operation Date.

The Nam Ngum 2 Power Plant is located on the Nam Ngum River between Phou Xay and Phou Houat, Xayasomboun Province, Lao PDR, 35 kilometers northeast and upstream of Nam Ngum 1 Power Plant, and 90 kilometers from Vientiane, the capital city of Lao PDR. The power plant has an installed capacity of 615 MW and achieved its Initial Operation Date ("IOD") on March 26, 2011, and thereafter the Commercial Operation Date ("COD") on January 1, 2013. All electricity generated shall be sold to the Electricity Generating Authority of Thailand ("EGAT") pursuant to the Power Purchase Agreement for a period of 25 years from the Commercial Operation Date.

#### Revenue from sales of electricity of Nam Ngum 2 Hydroelectric Power Plant

The Power Purchase Agreement determines the Annual Supply Target of 2,310 GWh ("million units") to be purchased by EGAT, divided into:

- (a) Primary Energy ("PE"): 2,218 GWh per year, with the production capacity not exceeding 16 hours per day, the payments for which will be made in Thai Baht and USD.

- (b) Secondary Energy ("SE"): 92 GWh per year. This refers to the electrical energy generated only during August, September and October each year, all payments for which will be made in Thai Baht.
- (c) Excess Energy ("EE") is the excess electricity generated when the volume of water exceeds the forecast, thereby, in such month, enabling the power plant to generate electricity in excess of the target designated in (a) and (b) as declared to EGAT in advance. The excess electricity will be considered the Excess Energy, all payments for which will be made in Thai Baht.

In addition, if electricity can be generated in excess of the designated target of PE or SE per year as determined in the Agreement, such Excess Energy may be accumulated in the Reserve Account, which may be utilized in the future in any year in which the project cannot generate and sell electricity to EGAT to meet the target as specified in the Power Purchase Agreement. The Reserve Account will be settled every 10 years, on three occasions, namely, in 2022, 2032, and the year ending the Power Purchase Agreement.

In case the water volume in the reservoir is low to the extent that it cannot generate electricity to meet the volume equivalent to PE or SE per year as determined in the Agreement, Nam Ngum 2 Project can accumulate the electricity units which have not yet been produced to be added in the electricity volume to be produced in the following year.

### Xayaburi Hydroelectric Power Plant

The Company holds shares in Xayaburi Power Company Limited ("XPCL"), representing 37.5 percent of XPCL's registered and paid-up capital. XPCL is a company registered in the Lao PDR and is awarded the concession from the Government of the Lao PDR for the design, development, construction and operation of the Xayaburi Hydroelectric Power Plant for a period of 31 years from the Commercial Operation Date.

The Xayaburi Power Plant is a large run-of-river hydropower project on the Mekong River, with its construction designed by the hydroelectric power engineering model in order to avoid, prevent and minimize environmental and social impacts. Such design includes fishery resource preservation, sediment flushing, navigation log, together with erosion prevention, and water quality preservation. With respect to the plant safety, the large-sized spillway gates and sediment routing gates have been designed and constructed to effectively tolerate earthquake and natural disasters. In addition, machinery and equipment with the state-of-the-art technology from the high expertise and world-class manufacturers have been selected for electricity production.

The Xayaburi Hydroelectric Power Plant of a run-of-river type, which does not require high water head level. The plant's volume of water outflow is equivalent to the water intake each day, which is different from the Nam Ngum 2 Power Plant, a storage-dam type. The power plant is located entirely within the boundary of the Lao PDR, on the Mekong

downstream, approximately 80 kilometers south of Luang Prabang Province, and approximately 160 kilometers from Amphoe Chiang Khan, Loei Province, Thailand, with the commencement of its commercial operations on October 29, 2019. Its installed capacity is 1,285 MW, 1,220 MW of which shall be sold to EGAT under the Power Purchase Agreement for 29 years from the Commercial Operation Date; and 60 MW of which shall be sold to Electricité du Laos ("EdL") under the Power Purchase Agreement between EdL and XPCL, for the period equal to the concession period granted from the Government of the Lao PDR.

#### Revenue from sales of electricity of the Xayaburi Hydroelectric Power Plant

The Power Purchase Agreement determines the Annual Supply Target of 5,709 GWh to be purchased by EGAT, divided into:

- (a) Primary Energy (PE): 4,299 GWh per year, with the production capacity not exceeding 16 hours per day on Monday to Saturday. The payments for PE shall be made in Thai Baht and USD.
- (b) Secondary Energy (SE): 1,410 GWh per year, with the production capacity not exceeding 5.35 hours on Monday to Saturday only and not exceeding 8 hours on Sunday. All payments for SE shall be made in Thai.

Moreover, if the volume of water exceeds the forecast, Excess Energy (EE) can be produced. All payments for EE are made in Thai Baht

### Marketing and Competition in Hydro Power Business

The hydroelectric power plant development relies on the suitability of the geographical locations. Countries in ASEAN region like the Lao PDR, Cambodia, Myanmar, including the People's Republic of China, have high potential for development of such projects for sale of the generated electricity to Thailand.

According to Thailand Power Development Plan 2018-2037 or PDP 2018, in April 2019, Thailand jointly executed the Memorandum of Understanding ("MOU") for cooperation in the development and sale of the electric power to Thailand and neighboring countries, as follows:

- The Lao PDR, 9,000 MW, without specifying the end of the MOU term
- Myanmar, without specifying the power purchase

volume, and with the MOU term until December 31, 2020

- Cambodia, without specifying the power purchase volume nor specifying the end of the MOU term

Based on the Memorandum of Understanding between Thailand and the Lao PDR, EGAT currently made the total power purchase of approximately 5,936 MW.

The Company is confident in its competitiveness in hydroelectric power business through experience and expertise of its personnel in the development of the large-scale hydroelectric power plants, as well as through its ability to manage cooperation across companies within the group, which help ensuring that construction is under control within the specified time, budget, and scheduled Commercial Operation Date.

## Supply of Products or Services in Hydroelectric Power Business

### Power Generation by Hydroelectric Power Plants

The Nam Ngum 2 Power Plant is a storage dam, which impounds water in a reservoir, constructed with the water storage level higher than the powerhouse. When water is released from the water tunnels, the immense pressure of water in the tunnels will drive the turbine to spin at high velocity, and the turbine shaft mounted to the shaft of the generator will rotate the enclosed generator and hence produce electricity.

The powerhouse has been installed with three vertical Francis Turbines (reaction turbine type), which are suitable for hydropower plants with moderate water level such as Nam Ngum 2 Power Plant. The generators comprise three synchronous generators with a capacity of 205 MW each, thereby bringing the total installed capacity to 615 MW.

On the contrary, the Xayaburi Power Plant is a large run-of-river hydropower project, where the volume of water intake is equivalent to the water outflow, without water storage capacity or water diversion from the Mekong River. Water will flow through and cause the turbine's blades to spin and the shaft of the generator mounted to the turbine will then rotate. Such rotation will drive the generator to produce electricity.

The powerhouse of the Xayaburi Power Plant is equipped with the Kaplan turbines at a relatively low rotational speed, which are designed to provide safe passage for fish, and

also equipped with 8 generator units, consisting of 7 turbine and generator units of 175 MW each and one turbine and generator unit of 60 MW, with the total installed capacity of 1,285 MW.

### Source of Energy for Power Generation by Hydroelectric Power Plants

The Nam Ngum 2 Power Plant relies solely on the water in the Nam Ngum River, which originates from the Xiangkhouang Plateau, with a total length of approximately 354 kilometers. Its reservoir covers approximately 107 square kilometers, with the full water storage capacity of 4,886 million cubic meters at full supply level of 375 meters above mean sea level. Meanwhile, the power source for electricity production of the Xayaburi Power Plant is water from the Mekong River, with a total length of approximately 4,350 kilometers, covering an area of the People's Republic of China, Myanmar, the Lao PDR, Thailand, Cambodia, and the Socialist Republic of Vietnam.

Despite the fact that the water supply has no cost for power generation, as it is derived from natural sources, the water volume during each time period is uncertain and unpredictable depending on weather conditions and seasons. According to the feasibility studies of the Nam Ngum 2 Power Plant and the Xayaburi Power Plant, which take into account the last 50-60 years of rainfall database, the amount of storm water is sufficient for power generation to meet the supply target under the Power Purchase Agreement with EGAT in the respective years.

The reservoir inflow volume of the Nam Ngum 2 Power Plant during 2018 – 2020 was as follows:

Month	2018		2019		2020	
	Water Level as at the end of the month (meters above Mean Sea Level)	Water Inflow Volume (million cubic meters)	Water Level as at the end of the month (meters above Mean Sea Level)	Water Inflow Volume (million cubic meters)	Water Level as at the end of the month (meters above Mean Sea Level)	Water Inflow Volume (million cubic meters)
January	364.3	143	367.0	174	353.8	74
February	364.2	112	363.9	152	353.1	60
March	359.9	107	358.1	147	352.0	105
April	354.5	150	351.3	116	352.3	160
May	349.8	320	345.3	141	351.3	164

Month	2018		2019		2020	
	Water Level as at the end of the month (meters above Mean Sea Level)	Water Inflow Volume (million cubic meters)	Water Level as at the end of the month (meters above Mean Sea Level)	Water Inflow Volume (million cubic meters)	Water Level as at the end of the month (meters above Mean Sea Level)	Water Inflow Volume (million cubic meters)
June	352.7	802	343.4	203	350.5	304
July	372.2	2,550	347.7	388	351.0	431
August	375.3	3,636	358.8	1,177	362.7	1,390
September	372.6	1,694	361.4	654	365.6	565
October	370.9	494	359.7	249	367.4	333
November	370.4	302	357.5	147	367.8	172
December	368.4	226	355.2	142	368.7	176
<b>Total</b>		<b>10,535</b>		<b>3,689</b>		<b>3,934</b>

Remark: Information from Nam Ngum 2 Power Company Limited

The average volume of water flow through the Xayaburi Power Plant from the commencement of commercial operations was as follows:

Unit: Cubic Meter per Second

Month	2019	2020
January		1,545
February		1,300
March		1,411
April		1,784
May		1,788
June		2,304
July		3,014
August		5,337
September		4,248
October	1,820	3,180
November	1,572	2,284
December	1,842	2,207
<b>Average</b>	<b>1,745</b>	<b>2,534</b>

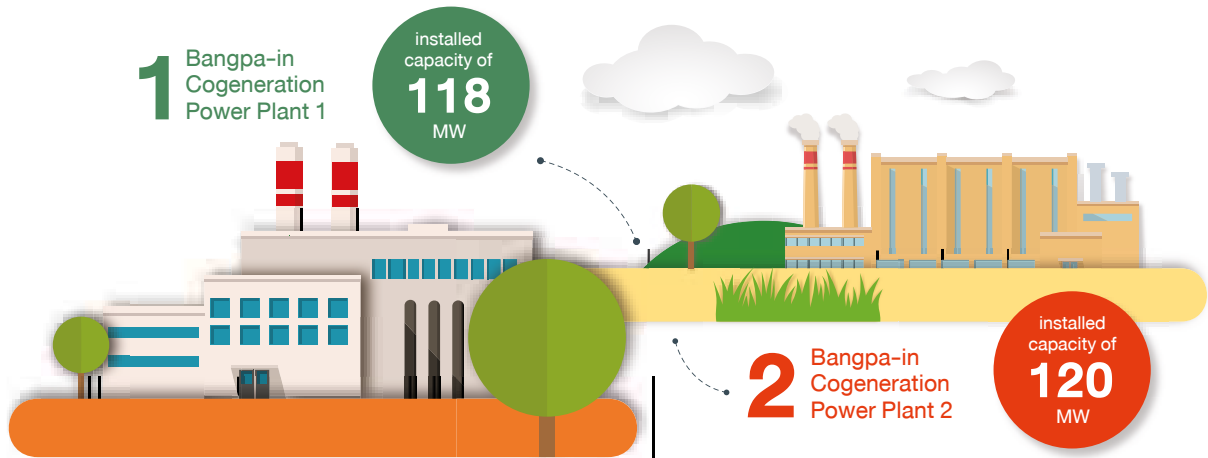
Remark: Information from Xayaburi Power Company Limited



## 02

### Cogeneration Power Business

The power plants in this sector comprise:



#### Products or Services in Cogeneration Power Business

The Company holds shares in Bangpa-in Cogeneration Limited ("BIC") representing 65 percent of its registered and paid-up capital. BIC is a producer and distributor of electricity and steam from the natural gas-fired cogeneration power which consists of two power plants: Bangpa-in Cogeneration Power Plant 1 and 2. Both power plants are located in Bang Pa-in Industrial Estate, Amphoe Bang Pa-in, Phra Nakhon Si Ayutthaya Province. Bangpa-in Cogeneration Power Plant 1 has installed capacity of 118 MW of electricity and 20 tons of steam per hour. The power plant has a Power Purchase Agreement with EGAT to sell 90 MW of electricity for a period of 25 years from the Commercial Operation Date, with the remainder of electricity and steam to be sold to industrial operators in Bang Pa-in Industrial Estate. Bangpa-in Cogeneration Power Plant 1 commenced its commercial operation on June 28, 2013. Bangpa-in Cogeneration Power Plant 2 has installed capacity of 120 MW and has a Power Purchase Agreement with EGAT to sell 90 MW for a period of 25 years from the Commercial Operation Date. The remainder of electricity will be also sold to industrial operators in Bang Pa-in Industrial Estate. Bangpa-in Cogeneration Power Plant 2 commenced its commercial operation on June 29, 2017.

#### Revenue from sales of electricity by Bangpa-in Cogeneration Power Plant 1 and 2 to EGAT

- (a) Capacity Payment, which is determined from EGAT's long run avoided capacity cost from purchase of electricity from Small Power Producer ("SPP"), including transmission system cost;

- (b) Energy Payment, which is determined from fuel costs for power generation, operation and maintenance costs and cost for commercial operations of the power plants, which EGAT can avoid in the future from purchase of electricity from small power producer with cogeneration power production system;
- (c) Fuel Savings Payment, which is determined based on fuel saving derived from small power producer with cogeneration power production system.

#### Revenue from sales of electricity Bangpa-in Cogeneration Power Plant 1 and 2 to industrial operators

Power supply agreements for industrial operators are concluded by way of negotiations with the respective customers. The electricity price and discount are based on the reference tariff of the Provincial Electricity Authority ("PEA") for large-scale business.

#### Revenue from sales of steam by Bangpa-in Cogeneration Power Plant 1 to industrial operators

Steam supply agreements for industrial operators are concluded by way of negotiations with the respective customers in the same manner as the power supply agreements. The steam price is based on the avoided cost basis, which may be adjusted to reflect changes in various indices, including fuel prices and the Consumer Price Index.

### Marketing and Competition in Cogeneration Power Business

In expanding the cogeneration power business, the Company focuses on the model of selling the majority of the electricity to EGAT and selling the remaining electricity and steam to other industrial operators, which resulted in more stable revenue than selling electricity solely to the industrial operators.

Since 1992, the government announced intention to purchase electricity from the cogeneration power plants (Firm Type), with a capacity not exceeding 90 MW, resulted in many developers of power plants of such type. According to information as at January 2021, the status of cogeneration power plants was as follows:

Status	Number of Projects	Installed Capacity (MW)	Sale Volume under Power Purchase Agreements with the Government (MW)
Commercially operational	76	9,611	6,302
PPA executed, but not yet commercially operational	3	326	270
PPA terminated	3	235	162
Application cancelled	1	206	32
<b>Total</b>	<b>83</b>	<b>10,378</b>	<b>6,766</b>

Remark: Information from the Office of the Energy Regulatory Commission of Thailand, as at January 2021.

Based on the steady demand for electricity by EGAT and industrial operators, the Company is confident in the opportunity and competitiveness of its cogeneration power plants. The Company entered into the long-term power and steam purchase agreements, in order to guarantee the stability in the sales of electricity and steam to customers. In addition, the Company has continuously made preparations in various essential aspects, namely, securing fuel supply, connecting with customers with electricity and steam demand, etc.

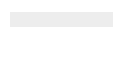
### Supply of Products or Services in Cogeneration Power Business

#### Power Generation by Cogeneration Power Plants

The production of electricity by the cogeneration power plants requires natural gas whose combustion creates thermal pressure that rotates the gas turbine. The rotating gas turbine will then spin the generator to produce electricity. Steam produced by such combustion will pass through the heat recovery steam generator (HRSG) to produce high pressure steam, which will be used to rotate the steam turbine. Such rotating steam turbine will further spin the power generator to produce electricity accordingly. The remainder of steam will be further sold to industrial operators who need steam in production process.

#### Source of Energy for Power Generation by Cogeneration Power Plants

The cogeneration power plants utilize natural gas and tap water supplies as raw materials in the power generation. In this regard, Bangpa-in Cogeneration Power Plant 1 and 2 signed a Natural Gas Purchase Agreement with PTT Public Company Limited ("PTT") on March 18, 2011 and May 12, 2014, respectively and also entered into a Water Purchase Agreement with TTW Public Company Limited ("TTW") on February 15, 2011 and January 27, 2015, respectively. Such Agreements have a term of 25 years each from the Commercial Operation Date.





## 03

### Solar Power Business

The power plants in this sector include:

- Bangkhenchai Solar Power Plant
- Phachi Solar Power Plant
- Banglen Solar Power Plant
- Phutthamonthon Sai 5 Solar Power Plant
- Mahachai Solar Power Plant
- Krathum Ban Solar Power Plant
- Khlong Preng Solar Power Plant
- Nakhon Ratchasima Solar Power Plant
- Chiangrai Solar Power Plant



#### Products or Services in Solar Power Business

##### Bangkhenchai Solar Power Plant

The Company holds shares in Bangkhenchai Company Limited (“BKC”) representing 100 percent of its registered and paid-up capital. BKC invests in the Bangkhenchai Solar Power Plant, which is situated at Amphoe Pak Thong Chai, Nakhon Ratchasima Province, and employs thin film photovoltaic module technology with the installed capacity of 8 MW. A Power Purchase Agreement was executed for Very Small Power Producer (“VSPP”) with PEA on July 28, 2009 for a period of five years from the Commercial Operation Date, with automatic renewal every five years until the Agreement is terminated. Under the Power Purchase Agreement, PEA agrees to purchase electricity at the maximum quantity of 8 MW, whereby the Bangkhenchai Solar Power Plant will receive the electricity tariff adder (“Adder”) at the rate of Baht 8 per kWh (“unit”) for a period of 10 years from the COD. The Power Plant started the production and distribution of electricity to PEA on August 10, 2012.

Furthermore, BKC has invested in the Monocrystalline solar power plants, consisting of five solar rooftop power plants and one solar farm power plant, with the total installed

capacity of 6.73 MW, for production and distribution of electricity to the private sector. Each power plant has a power purchase agreement for a period of 25 years from the Commercial Development Date, namely:

- Solar rooftop power plant in Amphoe Phachi, Phra Nakhon Si Ayutthaya Province (“Phachi Solar Power Plant”), with the installed capacity of 0.89 MW
- Solar rooftop power plant in Amphoe Banglen, Nakhon Pathom Province (“Banglen Solar Power Plant”), with the installed capacity of 0.97 MW
- Solar rooftop power plant in Amphoe Sam Phran, Nakhon Pathom Province (“Phutthamonthon Sai 5 Solar Power Plant”), with the installed capacity of 0.97 MW
- Solar rooftop power plant in Amphoe Mueang Samut Sakhon, Samut Sakhon Province (“Mahachai Solar Power Plant”), with the installed capacity of 0.72 MW
- Solar rooftop power plant in Amphoe Krathum Ban, Samut Sakhon Province (“Krathum Ban Solar Power Plant”), with the installed capacity of 0.51 MW
- Solar farm power plant in Amphoe Khlong Preng, Chachoengsao Province (“Khlong Preng Solar Power Plant”), with the installed capacity of 2.67 MW.



### Nakhon Ratchasima Solar Power Plant



The Company holds shares in Nakhon Ratchasima Solar Company Limited ("NRS") representing 30 percent of its registered and paid-up capital. NRS invests in the Nakhon Ratchasima Solar Power Plant, which is situated at Amphoe Dan Khun Thot, Nakhon Ratchasima Province, and employs thin film photovoltaic module technology with the installed capacity of 6 MW. A Power Purchase Agreement was executed for Very Small Power Producer with PEA for a period of five years from the Commercial Development Date,

with automatic renewal every five years until the Agreement is terminated. Under the Power Purchase Agreement, PEA agrees to purchase electricity at the maximum quantity of 6 MW, whereby the Nakhon Ratchasima Solar Power Plant will receive Adder at the rate of Baht 8 per unit for a period of 10 years from the COD. The Power Plant started the production and distribution of electricity to PEA on March 8, 2012.

### Chiangrai Solar Power Plant



The Company holds shares in Chiangrai Solar Company Limited ("CRS") representing 30 percent of its registered and paid-up capital. CRS invests in the Chiangrai Solar Power Plant, which is situated at Amphoe Mae Chan, Chiang Rai Province, and employs Polycrystalline solar cells technology with the installed capacity of 8 MW. A Power Purchase Agreement was executed for Very Small Power Producer with PEA for a period of five years from

the Commercial Operation Date, with automatic renewal every five years until the Agreement is terminated. Under the Power Purchase Agreement, PEA agrees to purchase electricity at the maximum quantity of 8 MW, whereby the Chiangrai Solar Power Plant will receive Adder at the rate of Baht 8 per unit for a period of 10 years from the COD. The Power Plant started the production and distribution of electricity to PEA on January 17, 2013.

#### Revenues from sales of electricity of the solar power plants PEA:

- a. The electricity tariff for electricity distributed to PEA is at the voltage of 11-13 kV, whereby the price and the Ft charge will be in accordance with the Notification of EGAT.
- b. The Adder will be at the rate of Baht 8 per unit for a period of 10 years from the COD.

#### Revenues from sales of electricity of the solar power plants to the private sector:

The electricity tariff for electricity distributed to the private sector will be subject to negotiations with the respective customers. The electricity price and discount are based on the reference tariff of PEA.



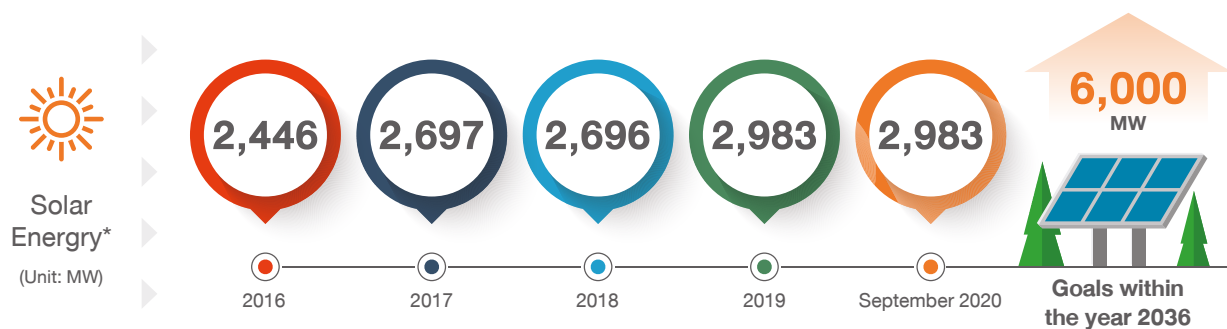
### Marketing and Competition in Solar Power Business

Thailand's potential for solar power generation is relatively high due to its geographical location near the equator, which is exposed to higher solar radiation on average than other regions in the world. Based on the study of the satellite data along with ground surveys by the Department of Alternative Energy Development and Efficiency, the majority of the areas which have solar energy potential for Thailand with the yearly average solar radiation intensity of approximately 18.2 MJ/m<sup>2</sup> are located in the Northeastern region, while some of the areas are located in the lower Central region.

Overall, Thailand has potentials to generate electricity from solar energy up to 10,000 MW.

In 2015, the Ministry of Energy has prepared the Alternative Energy Development Plan for 2015 - 2036 ("AEDP 2015"), focusing on promoting production of energy from renewable sources available in the country, with the target to increase the proportion of solar power production to 6,000 MW by 2036, from 2,962 MW in 2018.

The data on the electricity power produced by solar and sold to the system during 2015 - September 2020 was as follows:



Remark: \* Installed capacity

Information from the Department of Alternative Energy Development and Efficiency, as at September 2020.

### Supply of Products or Services in Solar Power Business

#### Power Generation by Solar Power Plants

Solar power generation utilizes solar cells to convert solar energy to produce electricity when the solar energy, in the form of electromagnetic waves carrying energy, contacts the semiconductors, which are capable of absorbing the solar energy spectrum, the semiconductor cells will convert the solar energy into direct current. However, due to the low electromotive force produced from one solar cell, it is necessary to connect several solar cells in series to boost the electromotive force, for commercial utilization. These connected solar cells in appropriate number and size are called a solar module or solar panel.

Electricity produced from the panels is a low voltage direct current, which must pass through an inverter for conversion into a low voltage alternating current, which will then flow

through a transformer to increase its voltage, and be sent to the transmission system of the PEA for further distribution to customers.

#### Source of Energy for Power Generation by Solar Power Plants

The major source of energy for the solar power plants is sunlight, which is free of charge from natural resources. Even though sunlight is a natural and clean energy source, its utilization is somewhat limited to only in daytime, which also has the uncertain intensity of solar radiation depending on geography and climate, as well as different seasons.

Therefore, the Company conducted studies as to whether the solar radiation intensity of the respective power plant sites was sufficient to produce electricity, prior to selecting locations or sites for the solar power plants.

## 04

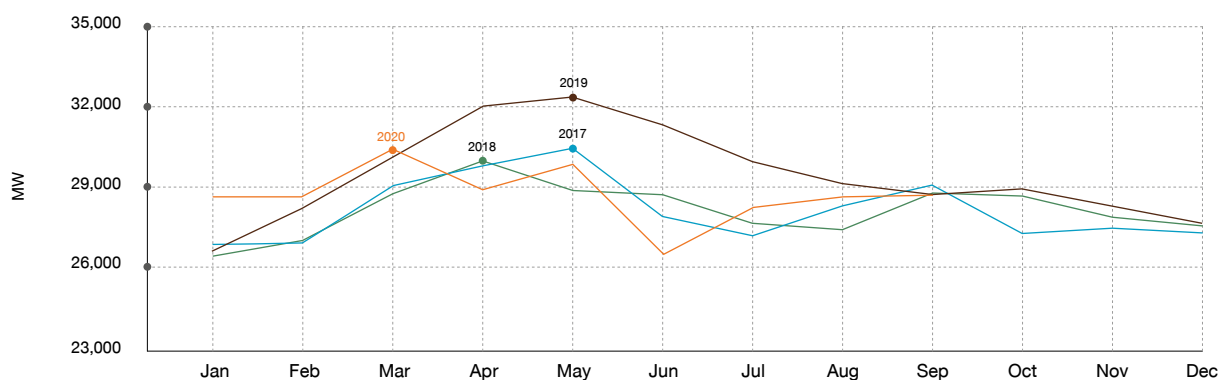
### Electricity Industry in Thailand

The electricity demand during January to June 2020 declined from the same period last year due to the COVID-19 pandemic situation, which resulted in a slow down in economic activities and a decline in the Gross Domestic Product "GDP" of Thailand.

#### Thailand's Peak Electricity Demand

In 2020, the peak electricity demand took place on 13 March 2020, at 14.14 hours, at 30,342 MW, decreased by 1,931 MW, or 5 percent from the peak electricity demand in 2019, which took place on 3 May 2019 at 14.27 hours, at 32,273 MW. The electricity demand in 2020 increased in the first quarter from the higher-than-average temperature. Subsequently, the demand gradually decreased following the decline of industrial productivity as a result from COVID-19 situation.

The monthly peak electricity demand from 2017 - 2020 was as follows:



Remark: Information from the Energy Policy and Planning Office, Ministry of Energy, published in December 2020.

**30,303**  
MW

as at May 4, 2017  
at 14.20 PM

**29,968**  
MW

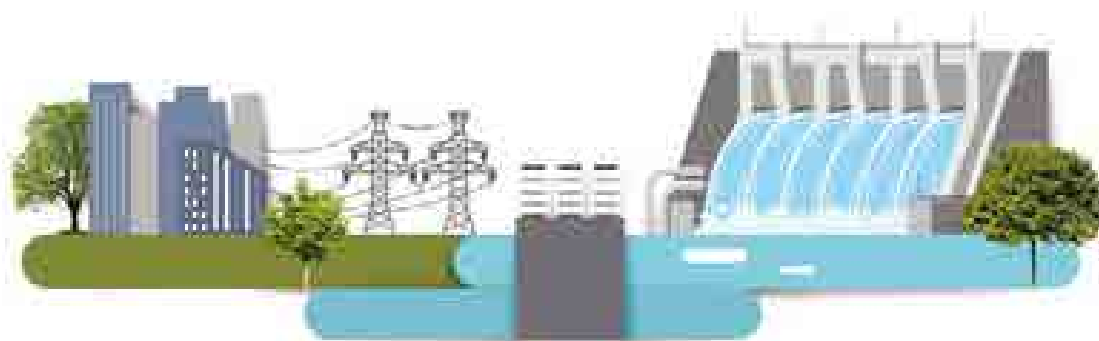
as at April 24, 2018  
at 13.51 PM

**32,273**  
MW

as at May 3, 2019  
at 14.27 PM

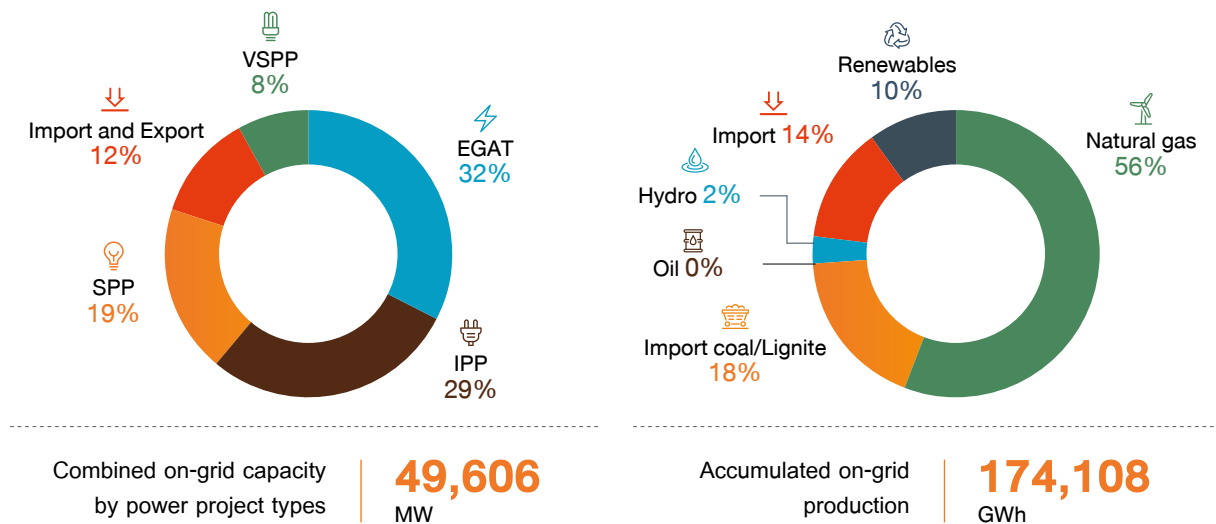
**30,342**  
MW

as at March 13, 2020  
at 14.14 PM



### National Electricity Production Capacity

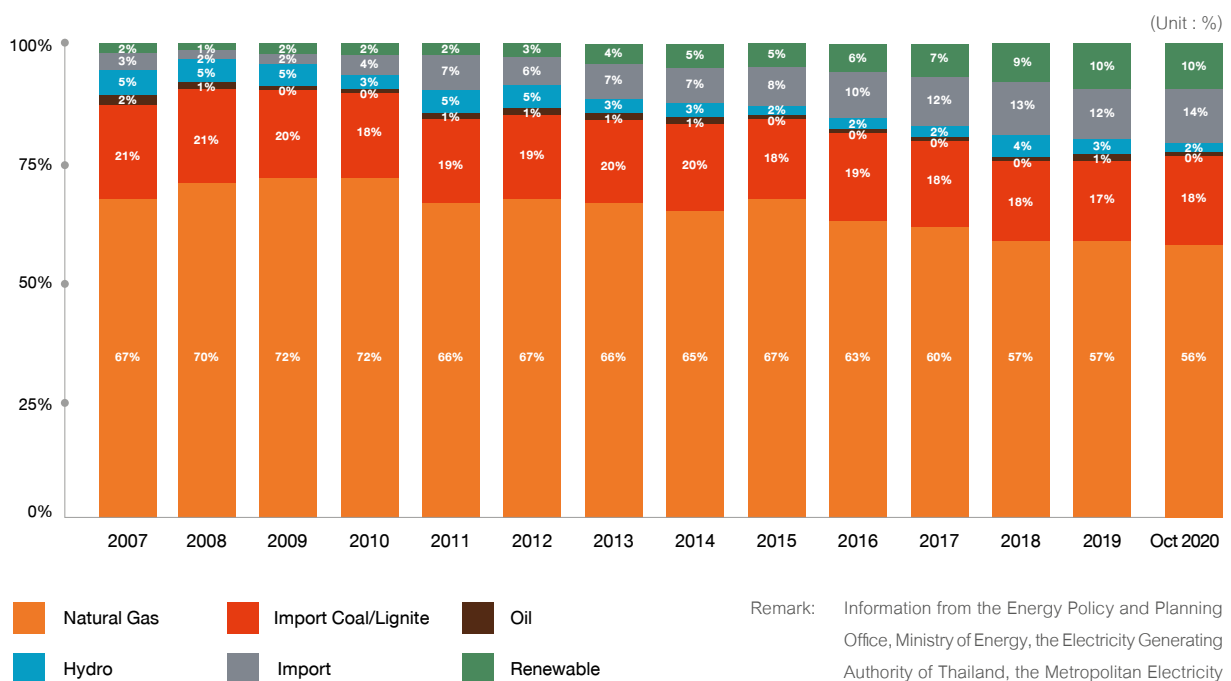
The combined on-grid capacity as at October 2020 by power project types and the accumulated on-grid production by fuel types from January to October 2020 were as follows:



Remark: Information from the Energy Policy and Planning Office, Ministry of Energy, published in December 2020

The fuel type in the power production was adjusted over time to be appropriate to fuel supply condition, economic expansion, and the government policy. Since 2015, the proportion of natural gas in the power production has declined; while the usage of renewable energy in the power production and overseas power import has increased.

Power production by fuel type during 2007-October 2020 as follows:



Remark: Information from the Energy Policy and Planning Office, Ministry of Energy, the Electricity Generating Authority of Thailand, the Metropolitan Electricity Authority, and the Provincial Electricity Authority, published in December 2020

### Electricity Distribution

EGAT is the authority responsible for producing and distributing electricity in response to the electricity demand countrywide through the power generating units, comprising its own power projects and project owned by private power producers in Thailand, the Lao PDR and Malaysia. EGAT sells electricity to its buyers, namely, the Metropolitan Electricity Authority (“MEA”), the Provincial Electricity Authority (PEA) and direct customers (certain industrial factories as specified in the Royal Decrees). EGAT distributes electricity through high voltage stations, and MEA and PEA are responsible for distribution and retail sales to general public. Electricity purchased from EGAT at the connection points is transmitted to the substations for further distribution to the consumers.

The electricity distribution from January to June 2020 by customer types was as follows:

Customer	Electricity Distribution Volume (GWh)	Percent
Provincial Electricity Authority	124,286	72.1
Metropolitan Electricity Authority	46,868	27.2
Direct customers	1,342	0.8
<b>Total</b>	<b>172,497</b>	<b>100.0</b>

Remark: Information from the Energy Policy and Planning Office, Ministry of Energy, published in December 2020



### Forecasts of New Power Production Capacity under Thailand Power Development Plan 2018 - 2037 Revision 1 (PDP 2018 Revision 1)

In October 2020, the Council of Ministers' Meeting approved the Thailand Power Development Plan 2018-2037 Revision 1 (PDP 2018 Revision 1) as drew up by the Ministry of Energy. Such plan is committed to the stability of power production, transmission and distribution systems, power stabilization and sufficiency to meet power demand for accommodating the economic and social development of the country, including the quality of life of the people. The plan was forecasted that at the end of 2037, Thailand would have the net power production capacity of 77,211 MW, 56,431 MW of which would be from the new production capacity during 2018 - 2037.

Target power production percentage by fuel type under the PDP 2018 Revision 1 as at 2037 in comparison with the forecast percentage as at 2020 is as follow:

Types of Fuels	Forecast 2020 Energy Mix (MW)	Target 2037 Energy Mix (MW)
Import		
Hydroelectricity	3,948	6,888
Renewable Energy	11,875	29,004
Natural Gas	29,331	32,112
Coal / Lignite	6,110	4,843
Diesel / Fuel Oil	380	65
Others	300	4,300
<b>Total</b>	<b>51,943</b>	<b>77,211</b>

Remark: Information from the Thailand Power Development Plan 2018 - 2037 Revision 1 published in October 2020

## 05

## Rights and Privileges from Investment Promotion

The Company's subsidiaries and associated companies have been granted investment promotion from the Thailand Board of Investment ("BOI") per the following Promotional Certificates:

	Bangpa- in Cogeneration Power Plant 1	Bangpa- in Cogeneration Power Plant 2	Bangkhenchai Solar Power Plant	Phachi Solar Power Plant
Promotional Certificates Nos.	1565(2)/2554	1132(2)/2558	1089(1)/2555	61-1228-1-00-1-0
Dated	May 18, 2011	February 2, 2015	January 23, 2012	October 16, 2018
Business Category	Public Utilities and Basic Services	Public Utilities and Basic Services	Public Utilities and Basic Services	Production of Power or Electricity and Steam from Renewable Energy, except waste or waste - derived fuel
1. Permission to bring foreign experts or specialists into the Kingdom in the number and for the period of time as the Board of Investment may consider appropriate.	Granted	Granted	Granted	Granted
2. Permission to own land to the extent as the Board of Investment may consider appropriate.	None	None	None	None
3. Import duty exemption/reduction for machinery granted as the Board of Investment may approved.	Exempted (import by November 18, 2016)	Exempted (import by August 2, 2018)	Exempted (import by July 23, 2015)	Exempted (import by April 16, 2021)
4. Corporate income tax exemption granted for the net profit derived from the promoted business.	8 years (not exceeding Baht 4,934 Million)	8 years (not exceeding Baht 5,108 Million)	8 years	8 years (not exceeding Baht 33 Million)
5. Period for carrying forward loss during the promoted period to set off against net profits to be derived after the corporate income tax exemption period.	5 years	5 years	5 years	5 years
6. Exemption from including dividend from the promoted business in the calculation for income tax payment.	8 years	8 years	8 years	8 years
7. 50 percent reduction of corporate income tax for the net profit derived from the promoted business.	None	None	5 years (from the day after the period in item 6)	None
8. Two times deduction of costs of transportation, electricity and water supply.	None	None	10 years (from the first day of receiving income from the promoted business)	None
9. Deduction of investment funds in installation or construction of facilities.	None	None	25 percent of investments	None
10. Permission to bring or remit foreign currencies out of the Kingdom.	None	None	None	None



Banglen Solar Power Plant	Phutthamonthon Sai 5 Solar Power Plant	Mahachai Solar Power Plant	Krathum Ban Solar Power Plant	Khlong Preng Solar Power Plant	Nakhon Ratchasima Solar Power Plant	Chiangrai Solar Power Plant
61-1295-1-00-1-0	61-1294-1-00-1-0	61-1293-1-00-1-0	61-1292-1-00-1-0	62-0417-1-00-1-0	1300(1)/2554	2071(1)/2554
November 5, 2018	November 5, 2018	November 5, 2018	November 5, 2018	April 25, 2019	March 11, 2011	August 30, 2011
Production of Power or Electricity and Steam from Renewable Energy, except waste or waste - derived fuel	Production of Power or Electricity and Steam from Renewable Energy, except waste or waste - derived fuel	Production of Power or Electricity and Steam from Renewable Energy, except waste or waste - derived fuel	Production of Power or Electricity and Steam from Renewable Energy, except waste or waste - derived fuel	Production of Power or Electricity and Steam from Renewable Energy, except waste or waste - derived fuel	Public Utilities and Basic Services	Public Utilities and Basic Services
Granted	Granted	Granted	Granted	Granted	Granted	Granted
None	None	None	None	None	Granted	Granted
Exempted (import by May 5, 2021)	Exempted (import by May 5, 2021)	Exempted (import by May 5, 2021)	Exempted (import by May 5, 2021)	Exempted (import by October 25, 2021)	Exempted (import by September 11, 2013)	Exempted (import by February 28, 2015)
8 years (not exceeding Baht 38 Million)	8 years (not exceeding Baht 35 Million)	8 years (not exceeding Baht 27 Million)	8 years (not exceeding Baht 21 Million)	8 years (not exceeding Baht 106 Million)	8 years	8 years
5 years	5 years	5 years	5 years	5 years	5 years	5 years
8 years	8 years	8 years	8 years	8 years	8 years	8 years
None	None	None	None	None	5 years (from the day after the period in item 6)	5 years (from the day after the period in item 6)
None	None	None	None	None	10 years (from the first day of receiving income from the promoted business)	10 years (from the first day of receiving income from the promoted business)
None	None	None	None	None	25 percent of investments	25 percent of investments
None	None	None	None	None	Granted	Granted



# RISK FACTORS

The Company supports the enterprise-wide risk management and also takes into account internal and external factors which impact the business operations. The risk management is an important tool in managing the Company to achieve its goals with efficiency and effectiveness. The Board of Directors appoints the Corporate Governance and Risk Management Committee with the duties to consider the risk management policy and provide the Board of Directors and the management with advice on risk management, including monitoring and quarterly evaluation of risk management, annual risk management plan, and regular report to the Board of Directors for acknowledgement. Moreover, the Company and its affiliated companies completely establish the risk management working group and communicate practical guidelines for risk management to the risk management working group for acknowledgement. The risk management working group is composed of high-ranking executives of the Company and its affiliated companies (excluding managing directors) to perform the duties to define criteria for risk assessment, prepare an annual risk management plan, and quarterly report on risk management, including support of a culture of enterprise-wide risk management to ensure that staff at all levels are aware of risk management and integrate the risk management into the operations.

The significant risks and guidelines for risk management can be summarized as follows:

## 1. Risks to the Company's Investments

The Company invests in other businesses, with the Company deriving its core revenue from dividend income from the companies invested in by the Company. In 2020, the Company's dividend income represented 54 percent of revenue under the separate financial statements. Should any business in which the Company holds shares be affected by various risks, the operating results would not meet the goal and it would be impossible to pay dividend as expected. In this aspect, the Company's management guidelines are then laid down as follows:

- **Project Selection**

The Board of Directors recognizes the importance of investment project selection process and thus set out a clear policy on investment in other companies operating the business of electricity production and distribution to ensure that risks have been managed to be at an acceptable level, with reasonable returns. The Project Development and Asset Management Department has the duty to conduct analysis of various related factors in support of consideration of project selection, in respect of both returns on investment and risk factors, which may include engagement of an external consultant or expert to provide specific advice, and to propose investment information to the Board of Directors for approval.

- **Management of Projects under Construction**

The Company recognizes the importance of the projects under construction period which may face risks of construction behind schedule, resulting from engineering technical problems, contractor's machinery installation, natural disasters, etc. For that reason, the Company has selected the contractor with expertise in the construction business and experience in management of construction projects as same as company projects. as the contractor has experience in construction with satisfactory performance. Furthermore, the contracts are on a Fixed Cost Lump Sum Turnkey basis, which help reduce risks on construction cost which may rise. Moreover, the Company has taken out insurance for the projects under construction, covering potential risks in construction and related works to ensure that the Company's projects under construction will be completed as planned.

- **Monitoring of the Operational Results**

The Company has set out its clear control and governance mechanisms of the businesses invested in by the Company in the Control Policy, under which the Company appoints its representatives to serve as directors or executives of its subsidiaries and associated companies, according to their shareholding percentage, and also clearly determines the scope

of power to exercise discretion as the Company's representatives. Moreover, the businesses invested in by the Company must regularly report their respective financial positions and operational results in comparison with the specified goals to the Board of Directors' Meeting on a quarterly basis. The subsidiaries must submit information of new investment projects to the Company and also report on progress of the respective investment projects. Furthermore, the Company's Internal Audit Division will review the internal control systems of its subsidiaries to ensure sufficient and proper prudence and strict compliance therewith. These enable the Company to closely follow up the financial positions and operational results of the respective businesses invested in by the Company in order to minimize and manage risks from such investments.

- Applying the ISO 9001: 2015 Quality Management System to the Company's power plants to ensure that the power plants have the quality management system in place and meet the working standards in processes, such as, production, maintenance, inventory management, purchasing or procurement, etc.
- Encouraging staff to receive training to increase their knowledge and capability in enhancement of efficiency in their performance, as well as organizing a Knowledge Sharing activity through which knowledge can be exchanged among staff within the Company.

## 2. Business Risks

### 2.1 Risk in respect of availability of power plants

The Company's goal is to deliver electricity and steam with quality and availability to customers, including various supplier /traders, by taking security and stabilization of production of electricity and steam into account. The Company focuses on management of machinery and equipment, including development and improvement of efficiency of the power plants to ensure their round-the-clock availability. In this aspect, the Company's risk management is as follows:

- Establishing an annual proactive maintenance plan in order to inspect equipment, machinery according to schedule, and overseeing and monitoring maintenance under the maintenance plan to ensure that the machinery and equipment are in a ready condition to function efficiently, as well as guaranteeing the availability of the power plants under the agreements.
- Engaging the expert service providers under the Operation and Maintenance Agreement, namely, contracting EGAT to conduct maintenance of the Nam Ngum 2 Hydroelectric Power Plant, and Solarcon Co., Ltd. to conduct maintenance of the BKC solar power plants, as well as engaging independent consultants to measure the efficiency and stability of various aspects of the power plants, with regularly follow-up reports to strengthen the availability of the power plants.
- Ensuring sufficient and suitable backup of necessary equipment and supplies, including critical spare parts for maintenance of the power plants, with regular inspection and counting of necessary equipment and supplies requiring to be conducted.

### 2.2 Risk in respect of raw materials required for electricity production

The Company invests in the business of electricity production from various kinds of energy, which needs different raw materials in electricity production. That is, the hydroelectric power plants and the solar power plants produce electricity from renewable energy, using natural raw materials in electricity production, and as such, there may be unexpected risks in respect of available raw materials, for example, climate change, natural phenomenon, solar irradiation, unanticipated change in rainfall volume during each period of time, etc. As for the cogeneration power plants which use natural gas as fuel in electricity production, there may be risks from natural gas shortage or natural gas supplier's failure to supply fuel to meet the electricity production demand, and as a result, the Company may not be able to produce electricity as specified in the Power Purchase Agreement. In this aspect, the Company's risk management is as follows:

- Installing the water level measuring stations on the Mekong River, due to the fact that the Xayaburi Hydroelectric Power Plant is a run-of-river hydroelectric power plant without reservoir. The Xayaburi Hydroelectric Power Plant has installed a total of 14 water level measuring stations on the Mekong River and its tributaries, such as, Nam Ou River, Nam Suang River, and Nam Khan River. The water flow measuring stations are intended to measure and send out data every 15 minutes, with these water volume data being used to further make a production plan.
- Monitoring and taking precaution of climate change. The Nam Ngum 2 Hydroelectric Power Plant declared the year 2020 to be a Drought Year under the Power Purchase Agreement (PPA) in order to ensure efficiency in drought management, with granting an exemption from potential fines in the event that the average actual hours of electricity generation are lower than specified in the Agreement.

- Conducting a study on the project locations, taking into account the appropriate solar irradiation, together with the past average of solar irradiation in any such locations before investment, including execution of the power purchase agreements of the solar power plants on a non-firm basis, and as such, no fine is imposed should these power plants be unable to produce electricity resulting from fluctuations in solar radiation.
- Executing the Natural Gas Purchase Agreement with PTT Public Company Limited (PTT), for a period of 25 years from the Commercial Operation Date, on condition that PTT must pay compensation for its failure to supply natural gas in the volume as specified in the Agreement. In 2020, PTT was able to supply natural gas to the Company in accordance with the Agreement, thereby enabling the Company to produce electricity as specified in the Power Purchase Agreement.

### 2.3 Risk from natural disasters

The Company's power plants are located in areas which may be at risk from natural disasters, such as, earthquakes, floods, landslides, etc., and thus, it may have a significant impact on the electricity production process. In this aspect, the Company's risk management is as follows:

- Making a design of the power plant structures with stability and security so that they are resistant to earthquakes which may occur, namely, the Nam Ngum 2 Hydroelectric Power Plant which is capable of withstanding the shaking caused by an earthquake to a maximum (Safety Evaluation Earthquake (SEE)) at 0.32g based on the ground acceleration value, and which is also equipped with the overflow prevention system through the Spillway with its primary function to drain flood waters; and the Xayaburi Hydroelectric Power Plant which has the structures with special reinforcement in accordance with the international standards of the International Commission on Large Dams (ICOLD), and is capable of withstanding the shaking caused by an earthquake to a maximum (Safety Evaluation Earthquake (SEE)) at 0.44g based on the ground acceleration value, together with its design to be equipped with a total of 7 spillway gates; as well as drawing up the Emergency Action Plan for response to various unusual events, thereby ensuring that the structural strength of the power plants can safely withstand the natural disasters caused by earthquakes and floods.
- Surveying the respective movement behaviors of the Nam Ngum 2 Hydroelectric Power Plant and the Xayaburi Hydroelectric Power Plant by ensuring the power

plants' safety monitoring, such as, structural behavior monitoring, as well as preparing a monthly report indicating the monitoring results, together with determination of a major inspection schedule of the power plants for three times a year, divided into two times during the dry season and the other times during the rainy season.

- Drawing up the respective inspection and maintenance plans in accordance with the ICOLD 2008 standard for earthquake preparedness, both for the Nam Ngum 2 Hydroelectric Power Plant and the Xayaburi Hydroelectric Power Plant.
- Surveying the respective locations of the solar power plant situated in Amphoe Pak Thong Chai, Nakhon Ratchasima Province, and the Khlong Preng Solar Power Plant situated in Amphoe Khlong Preng, Chachoengsao Province, with the Company's survey and analyze of the power plant locations revealing that the areas where the power plants are located are high and never experienced flooding before. As for the solar rooftop power plants in Bangkok and its vicinity, the Company designed the solar panel mounting equipment, which its thorough consideration of wind load effects was already given.
- Taking out insurance on potential damage which may occur to assets for the electricity production business, covering property damage, business interruption, and public liabilities.

### 2.4 Risk in respect of safety, occupational health, and environment

The Company continuously attaches importance to and emphasize works in respect of safety, occupational health, and environment in order to achieve maximum efficiency in performance of both staff and contractors, including suppliers/traders of the Company performing their duties in the offices and power plants, with the aim of becoming an "Incident and Injury Free Organization". In this aspect, the Company's risk management is as follows:

- Establishing social and environmental practices of the Company and its affiliated companies to conduct the social and environmental risk management surrounding the power plants; creating added value to various communities, including environmental management, to build confidence of all stakeholders.
- Organizing a SAFETY WEEK activity to raise awareness among staff regarding work safety through training for staff on the topic "Health and Safety in the Work Environment", to help enhance efficiency in accident prevention in the workplace.

- Encouraging suppliers/traders to comply with the same safety, occupational health and environment standards as the Company does through the Supplier's Code of Conduct to emphasize the safety and working environment, personal protective equipment, preparedness for an emergency situation, etc.
- Applying the international quality management systems (ISO 9001:2015 / ISO 45001:2018 / ISO 14001:2015) to management of the business operation process to enhance efficiency in performance, by putting stress on ensuring safety and giving priority to environment both within the power plants and their surrounding areas. In 2020, the Company received no report on serious accidents to staff or events affecting communities and the environment surrounding the power plants.

## 2.5 Risk from the outbreak of Coronavirus Disease 2019 (COVID-19)

Due to the situation of the outbreak of Coronavirus Disease (COVID-19), the Company's operations, including production and sale of electricity, have not been substantially affected, because of the Company's Power Purchase Agreement executed with the Electricity Generating Authority of Thailand, and Provincial Electricity Authority, and Industrial users, which were in diverse industry group. In this aspect, the Company's risk management is as follows:

- Establishing a BCP Pandemic Team with the duty to closely monitor the situation of the outbreak of COVID-19;
- Formulating the COVID-19 spread prevention measures and communicating such measures to staff, suppliers/traders, contractors of the Company and its affiliated companies working in Thailand and the Lao People's Democratic Republic for acknowledgment and strict compliance; and
- Designating the power plant area as the control area where staff must strictly follow regulations for request for permission to enter and exit from such area, with a security unit responsible for monitoring of entering-exiting from the power plant area. Any third person's entrance to the power plant area must be approved by the power plant manager and reported to the Managing Director every time.

## 3. Financial Risks

### 3.1 Risk in respect of financial liquidity

Given the Company's plans to expand its investment in the business of electricity production and distribution from

various kinds of energy in pursuit of achieving the operational goals, the financial liquidity is then essential in the business operations, whereby the Company controls and manages the liquidity to ensure that the Company's cash flows are sufficient for its business operations under normal circumstances and can accommodate its future investment expansion. In this aspect, the Company's risk management is as follows:

- Preparing reports on cash flow projections and regularly updating the data, as well as managing the loan agreements and closely coordinating with the lending banks in order to minimize risks of breaching the conditions of the loan agreements.
- Establishing a policy to manage the excess cash by investing in bank deposits and short-term investments having high liquidity with reliable financial institutions, as well as arranging for credit availability when fund is needed.
- Entering into credit facilities agreements with commercial banks subject to the term sheet stating the rights of such credit facilities, which the Company and its affiliated companies have the duty to comply with the same conditions and terms as those applicable to debentures or debts owed to other financial institutions, for instance, by maintaining an Interest-Bearing Debt to Equity Ratio, Debt Service Coverage Ratio, etc. In this regard, such credit facilities have not been drawdown by the Company.

### 3.2 Risk from exchange rate fluctuations

The Company and its affiliated companies operate the businesses both in Thailand and the ASEAN region, by having their partial USD-denominated income and expenses, which may be then affected by an exchange rate adjustment. In this aspect, the Company's risk management is as follows:

- Managing cash inflows and cash outflows to ensure consistency with each other by way of natural hedge, because of partial revenue from sales of electricity in USD currency and expenses payable in USD currency.
- Using a hedge accounting to hedge the foreign exchange exposure to a certain portion of its forecasted revenue from sales of electricity in USD currency, whereby such revenue from sales of electricity is designated as the hedged item and the long-term loans in USD currency are designated as the hedging instrument. Based on the cash flow hedge accounting principles, the fluctuation in gain and loss on exchange rate can be minimized, with the effective portion of the change in the fair value of the cash flow hedging instrument requiring to be recognized in other

comprehensive income, instead of profit and loss of the Company, and then transferred to be recognized in profit or loss when the hedging item affects profit or loss.

- Considering entering to a forward contract(s) in an amount and for a period appropriate to the current situation and demand for money in different currencies, without any intention of speculation

### 3.3 Risk from interest rate fluctuations

The Company and its affiliated companies have been extended short-term and long-term loans by financial institutions to be used in the business operations; therefore, any material changes in interest rate will have an impact on the finance cost of the Company and its affiliated companies. In this aspect, the Company's risk management is as follows:

- Regularly monitoring the tendency of changes in interest rate, including management of loan portions subject to floating and fixed interest rates to stay within the appropriate level depending on circumstances; continuing management and improvement of finance cost. Currently, the Company has its loan portions subject to floating and fixed interest rate representing 20 percent and 80 percent of all loans, respectively.
- Entering into hedging agreements from floating interest rate to fixed interest rate as appropriate according to market conditions, without any intention of speculation.
- Issuing debentures subject to fixed interest rate to minimize the risk from interest rate fluctuations in market.

## 4. Risks with Impact on the Rights or Investment of Securities Holders

### 4.1 Risk from the Company's major shareholders with more than 50 percent shareholding

The Company's major shareholders comprise CH. Karnchang Group, with more than 50 percent shareholding, namely, CH. Karnchang Public Company Limited at 30.67 percent, TTW Public Company Limited at 24.98 percent, and Bangkok Expressway and Metro Public Company Limited at 17.58 percent, with the aggregate holding accounting for 73.23 percent (based on the information as at the Company's closing date of the share register on December 30, 2020). As a result, CH. Karnchang Group can control voting for resolutions requiring the majority of votes of a shareholders' meeting, except for such matters which, by laws or the Company's Articles of Association, require three-fourths of all votes in a shareholders' meeting. However, in respect of matters

which are significant to the Company's operations, e.g., amendment to the Company's Articles of Association, expansion or reduction of business scope, issuance of new securities, merger or amalgamation, including acquisition and disposition of assets, or execution of connected transactions with the Company or its related persons, and matters resulting in dilution effect, decrease in value and voting rights of the existing shareholders, minor shareholders have the veto right, thereby enabling minor shareholders to exercise their rights to checks and balances for passing resolutions of the major shareholder group. In this regard, the Company emphasizes the significance of protection of benefits and rights of minor shareholders, including prevention of risks to rights or investment of the securities holders. In this aspect, the Company's risk management is as follows:

- Complying with the rules on transparent and auditable information disclosure, in order to enable the Company to operate its business to ensure the maximum and fair benefit to all shareholders on a regular basis in the long run.
- Complying with relevant laws and requirements regarding connected transactions or transactions which may give rise to a conflict of interest, to rest assured that such connected transactions are executed in accordance with the general trading conditions, with fairness and without transferring any benefit between the Company and any person who has a conflict of interest, to the best benefit of the Company, including sufficient information disclosure in compliance with the Principles of Good Corporate Governance and the Notifications of the Board of Governors of the Stock Exchange of Thailand and the Securities and Office Commission.
- Complying with the Principles of Good Corporate Governance which require the Board of Directors to be composed of four independent directors, representing one-third of all directors, all of whom are knowledgeable, competent and impartial, to provide their independent opinions in compliance with applicable rules. The Company is certain that such percentage of independent directors will efficiently counterbalance the power of the group of major shareholders, resting assured of protection and fair treatment to minor shareholders and stakeholders in all sectors.

#### 4.2 Management risk in its subsidiaries and affiliated companies from investment in other companies

The Company operates its core business by investing in other companies, which, if the companies invested in by the Company has good performance, it will generate income and maximum benefit to the Company's investment. For this reason, the Company realizes the significance of management risk in its subsidiaries and affiliated companies invested in by the Company. In this aspect, the Company's risk management is as follows:

- Establishing the Control Policy and Governance Mechanisms in consistency with the Board of Directors' Charters of the Company's subsidiaries and affiliated companies, by complying with rules relating to supervision of operations of its subsidiaries and affiliated companies under the Notification of the Capital Market Supervisory Board No. TorJor.39/2559 Re: Application for Approval and Granting of Approval for Offering of Newly Issued Shares.
- The Company will send a person(s) who has been approved by the Board of Directors' Meeting to serve as director and/or executive of its subsidiaries and affiliated companies at least in proportion to the Company's shareholding.
- Directors and/or executives of the Company who are appointed as directors and/or executives in any of its subsidiaries and affiliated companies have the duties to report to the Company on such subsidiary's financial status and operating results, execution of connected transactions, as well as acquisition or disposition of significant assets to company's Board of Director which, in entering into such transaction, requires consideration of and compliance with the relevant regulations of the Office of the Securities and Exchange Commission and the Board of Governors of the Stock Exchange of Thailand, including various operational issues; and to vote on any such matters equiring resolutions to be passed by the Board of Directors or the shareholders' meeting.
- Setting out signatory conditions to bind a company in the respective subsidiaries and affiliated companies that require at least one director representing the Company as one of their respective signatory directors, to ensure that the Company can prevent risks and safeguard the interests of the Company's investments.

#### 4.3 Risk from compliance, regulation, and laws

The Company and its affiliated companies operate the businesses in Thailand and the ASEAN region, which are required to comply with applicable rules, regulations,

including laws of all related countries, as well as monitoring changes in such applicable rules, regulations and laws. In this aspect, the Company's risk management is as follows:

- Collecting criteria, rules, regulations relating to information disclosure of listed companies and proposing the same to the Board of Directors, the management, and staff of the Company for their adherence.
- Regularly monitoring legal situations both within Thailand and related countries so that the Company has enough time to be prepared for actions, improvement, and readiness for any such changes material to the business operations in all respects.
- Engaging legal advisors to handle in the event of considerable complexity of applicable laws, rules and regulations.
- Making preparation for prevention of risks arising from new laws. In 2020, the Company was aware of risks, significance and preparedness in connection with control, storage, use, disclosure and confidentiality of personal information, to ensure that the Company's operations were in accordance with the Personal Data Protection Act B.E. 2562 (2019) ("Personal Data Protection Act"), which was promulgated on May 27, 2019 and will be effective on June 1, 2021, with the Company's commitment to building awareness and recognition of importance of personal information among staff, the Company engaged a legal advisor from Chandler MHM Limited ("CMHM") to make preparations as follows:
  - Conducting a due diligence and/or internal audit;
  - Providing general training covering basic content of the Personal Data Protection Act, the Company's duties, and data owners' rights, including data security and storage measures, and offenses under the Personal Data Protection Act; and
  - Providing Specific group training covering content related to each department in line with their respective work natures, including duties of the Data Protection Officer ("DPO").

In this regard, such risk prevention ensures that the Company has created processes and operations which meet legal standards, without violating fundamental human rights and personal information. This will help prevent and reduce impacts which may occur to ensure that the Company is kept from being exposed to a risk of penalties for its non-compliance with laws, which, if so, will tarnish the Company's reputation.



## 5. Emerging Risk

The Company recognizes Emerging Risk which may affect the Company's sustainability in terms of business prospects and challenges, the Company has therefore studied and analyzed significant issues to which the Company may be exposed and which may be Emerging Risk over the next 3-5 years as follows:

RISKS	POTENTIAL IMPACTS	RISK MANAGEMENT
Impacts of climate change, e.g., rising water volume, rising sea level, rising temperature, more severe natural disasters	<ul style="list-style-type: none"> <li>Inefficiency in electricity production which affects the power system stability</li> <li>More difficult declaration of availability of electricity production due to climate change and varying water level</li> </ul>	<ul style="list-style-type: none"> <li>Research and study on water volume and changes in natural disasters and impacts on the power system stability</li> <li>In-depth risk assessment of natural perils and forecast of severity of climate change to all power plants</li> <li>Response to natural disasters in terms of production, maintenance, equipment and safety of staff</li> <li>Enhancement of power plants to tolerate natural disasters or fluctuating weather, e.g., raising of power plant sites against flooding, installation of weatherproof equipment and machinery which can tolerate extreme hot or cold conditions, and design of public utility systems of the power plants to be ready for flooding</li> <li>Installation of equipment to monitor the dam conditions and real time Web-based monitoring system to make sure that after commercial operation commencement, the power plant structures remain subject to regular monitoring and proactive measures by a team of engineers and experts</li> </ul>
Energy technology development, e.g., use of renewable energy, energy storage	<ul style="list-style-type: none"> <li>Changes in energy consumption behavior</li> <li>Possible changes in electricity production business model</li> <li>Changes in applicable policies and laws to secure the power system stability</li> <li>Possible changes in tariff according to costs</li> </ul>	<ul style="list-style-type: none"> <li>Study and assessment of capacity of renewable energy business operations in terms of personnel, budget, and applicable policies and laws</li> <li>Study and follow-up of renewable energy policies in various countries</li> <li>Determination of a goal for investment in and expansion to renewable energy business</li> <li>Study and development of technology and tentative prices of equipment/battery for energy storage</li> </ul>
Digital transformation	<ul style="list-style-type: none"> <li>Changes in energy consumption behavior</li> <li>Business plans staying agile flexible and adaptable to digital transformation</li> <li>Data Mining, Artificial Intelligence, Quantum Computing technologies being more easily accessible, thereby increasing cyber attacks, such as, data leakage, unauthorized change in data, or data theft</li> </ul>	<ul style="list-style-type: none"> <li>Provision of training to enhance technology knowledge and build the awareness of information technology security for all staff in the organization</li> <li>Addition of the Intrusion Detection and Prevention Systems, including study on new technology which may affect the business operations</li> <li>Improvement of work procedures to make them responsive to changes in technology</li> <li>Addition of the disaster recovery system to support the business continuity</li> <li>Regular monitoring of the evolution and patterns of cyber attacks, including performance evaluation of the information security system of the Company and the operating systems of the power plants</li> </ul>

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# LEGAL DISPUTES

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As of December 31, 2020, the Company, its subsidiaries and associated companies had no legal dispute which might give rise to damage or impact on the business operations.





# GENERAL INFORMATION AND OTHER SIGNIFICANT INFORMATION

## General Information

### Information of the Company

<b>Company Issuing Securities</b>	<b>CK Power Public Company Limited or CKP for securities trading</b>
Business Operation	Holding company, by holding shares in other companies engaging in the business of production and sales of electricity generated from various kinds of energy, both local and overseas, and providing of consulting service and other management services related to electricity production projects.
Registration No.	0107556000167
Head Office	587 Viriyathavorn Building, 19 <sup>th</sup> Floor, Sutthisan Winitchai Road, Ratchadaphisek Subdistrict, Dindaeng District, Bangkok
Telephone	02-691-9720-34
Fax	02-691-9723
Registered Capital	9,240,000,000 ordinary shares, at the par value of Baht 1 per share, representing the registered capital of Baht 9,240,000,000. 8,129,382,729 paid-up shares, representing the total registered and paid-up capital of Baht 8,129,382,729.
Foreign Limit	Not exceeding 49 percent
Free Float	23.81 percent (as at the closing date of the share register for the right to attend the 2020 Annual Ordinary General Meeting of Shareholders on June 25, 2020)
Website	<a href="http://www.ckpower.co.th">www.ckpower.co.th</a>
Board of Directors	<a href="mailto:directors@ckpower.co.th">directors@ckpower.co.th</a>
Company Secretary	<a href="mailto:compliance@ckpower.co.th">compliance@ckpower.co.th</a>
Investor Relations	Mr. Tummakajorn Nuntapong Telephone: 02-691-9720-34 ext. 17035 <a href="mailto:ir@ckpower.co.th">ir@ckpower.co.th</a>

**Information of legal entities in which the Company held 10 percent of shares or more**
**Company Issuing Securities                      SouthEast Asia Energy Limited or "SEAN"**

Business Operation	Investment in hydroelectric power production business
Registration No.	0105547063036
Head Office	587 Viriyathavorn Building, 20 <sup>th</sup> Floor, Sutthisan Winitchai Road, Ratchadaphisek Subdistrict, Dindaeng District, Bangkok
Registered Capital	660,675,000 ordinary shares, at the par value of Baht 10 per share. All shares fully paid-up, representing the total registered and paid-up capital of Baht 6,606,750,000.
The Company's Shareholding Percentage	61.33 percent

**Company Issuing Securities                      Nam Ngum 2 Power Company Limited or "NN2"**

Business Operation	Production and distribution of electricity from hydroelectric power
Registration No.	01-00006090
Head Office	215 Lane Xang Avenue, Ban Xiang Yuen, Chanthabuly District, Vientiane Province, Lao People's Democratic Republic
Power Plant Location	Anouvong District, Xaysomboun, Lao People's Democratic Republic
Registered Capital	880,900,000 ordinary shares, at the par value of Baht 10 per share. All shares fully paid-up, representing the total registered and paid-up capital of Baht 8,809,000,000.
The Company's Shareholding Percentage	75 percent of its shares held by SEAN, or representing 46 percent of its shares held by the Company.

**Company Issuing Securities                      Bangpa-in Cogeneration Limited or "BIC"**

Business Operation	Production and distribution of electricity and steam from the cogeneration system
Registration No.	0105552021486
Head Office	587 Sutthisan Winitchai Road, Ratchadaphisek Subdistrict, Dindaeng District, Bangkok
Power Plant Location	456 Moo 2, Tambon Khlong Chik, Amphoe Bang Pa-in, Phra Nakhon Si Ayutthaya Province
Registered Capital	270,500,000 ordinary shares, at the par value of Baht 10 per share. All shares fully paid-up, representing the total registered and paid-up capital of Baht 2,705,000,000.
The Company's Shareholding Percentage	65 percent

## Information of legal entities in which the Company held 10 percent of shares or more

**Company Issuing Securities**      **Bangkhenchai Company Limited or "BKC"**

Business Operation	Production and distribution of electricity from the solar power
Registration No.	0105541054485
Head Office	587 Sutthisan Winitchai Road, Ratchadaphisek Subdistrict, Dindaeng District, Bangkok
Power Plant Location	190 Moo 9, Tambon Khok Thai, Amphoe Pak Thong Chai, Nakhon Ratchasima Province
Registered Capital	2,342,500 ordinary shares, at the par value of Baht 100 per share. All shares fully paid-up, representing the total registered and paid-up capital of Baht 234,250,000.
The Company's Shareholding Percentage	100 percent

**Company Issuing Securities**      **Luang Prabang Power Company Limited or "LPCL"**

Business Operation	Production and distribution of electricity from hydroelectric power
Registration No.	01-00021943
Head Office	Phonexay Road, Phonexay Village, Xaysettha District, Vientiane Capital, Lao People's Democratic Republic
Power Plant Location	On the Mekong River, Luang Prabang Province, Lao People's Democratic Republic
Registered Capital	4,150,000 ordinary shares, at the par value of KIP 2,000 per share or equivalence to Baht 7.711. All shares fully paid-up, representing the total registered and paid-up capital of Baht 32,000,000.
The Company's Shareholding Percentage	42 percent

**Company Issuing Securities**      **Xayaburi Power Company Limited or "XPCL"**

Business Operation	Production and distribution of electricity from hydroelectric power
Registration No.	01-00013169
Head Office	215 Lane Xang Avenue, Ban Xiang Yuen, Chanthabuly District, Vientiane Province, Lao People's Democratic Republic
Power Plant Location	On the Mekong River, Xayaburi Province and Luang Prabang Province, Lao People's Democratic Republic
Registered Capital	2,686,100,000 ordinary shares, at the par value of Baht 10 per share. All shares fully paid-up, representing the total registered and paid-up capital of Baht 26,861,000,000.
The Company's Shareholding Percentage	37.5 percent

## Information of legal entities in which the Company held 10 percent of shares or more

Company Issuing Securities		Nakhon Ratchasima Solar Company Limited or "NRS"
Business Operation		Production and distribution of electricity from the solar power
Registration No.		0105553011344
Head Office		23/30 Sorachai Building, 14 <sup>th</sup> Floor, Soi Sukhumvit 63, Sukhumvit Road, North Klongton Subdistrict, Wattana District, Bangkok
Power Plant Location		90-91, Tambon Takhian, Amphoe Dan Khun Thot, Nakhon Ratchasima Province
Registered Capital		2,215,000 ordinary shares, at the par value of Baht 100 per share. 85.06 percent of which were already paid-up, representing the total registered and paid-up capital of Baht 188,425,000.
The Company's Shareholding Percentage		30 percent
Company Issuing Securities		Chiangrai Solar Company Limited or "CRS"
Business Operation		Production and distribution of electricity from the solar power
Registration No.		0105553149036
Head Office		23/30 Sorachai Building, 14 <sup>th</sup> Floor, Soi Sukhumvit 63, Sukhumvit Road, North Klongton Subdistrict, Wattana District, Bangkok
Power Plant Location		249-250 Moo 6, Tambon Tha Khao Plueak, Amphoe Mae Chan, Chiang Rai Province
Registered Capital		2,917,500 ordinary shares, at the par value of Baht 100 per share. 95.01 percent of which were already paid-up, representing the total registered and paid-up capital of Baht 277,212,500.
The Company's Shareholding Percentage		30 percent
Company Issuing Securities		CKP Solar Limited or "CKP Solar"
Business Operation		Development of electricity production business of various types
Registration No.		0105556138728
Head Office		587 Viriyathavorn Building, Sutthisan Winitchai Road, Ratchadaphisek Subdistrict, Dindaeng District, Bangkok
Registered Capital		200,000 ordinary shares, at the par value of Baht 100 per share. 28.75 percent of which were already paid-up, representing the total registered and paid-up capital of Baht 5,750,000.
The Company's Shareholding Percentage		100 percent

## Information of legal entities in which the Company held 10 percent of shares or more

Company Issuing Securities	Helios Power Limited or "Helios"
Business Operation	Development of electricity production business of various types
Registration No.	0105556152585
Head Office	587 Viriyathavorn Building, Sutthisan Winitchai Road, Ratchadaphisek Subdistrict, Dindaeng District, Bangkok
Registered Capital	10,000 ordinary shares, at the par value of Baht 100 per share. 25 percent of which were already paid-up, representing the total registered and paid-up capital of Baht 250,000.
The Company's Shareholding Percentage	100 percent

Company Issuing Securities	Apollo Power Limited or "Apollo"
Business Operation	Development of electricity production business of various types
Registration No.	0105556152534
Head Office	587 Viriyathavorn Building, Sutthisan Winitchai Road, Ratchadaphisek Subdistrict, Dindaeng District, Bangkok
Registered Capital	10,000 ordinary shares, at the par value of Baht 100 per share. 25 percent of which were already paid-up, representing the total registered and paid-up capital of Baht 250,000.
The Company's Shareholding Percentage	100 percent

Company Issuing Securities	Sole Power Limited or "Sole"
Business Operation	Development of electricity production business of various types
Registration No.	0105556152577
Head Office	587 Viriyathavorn Building, Sutthisan Winitchai Road, Ratchadaphisek Subdistrict, Dindaeng District, Bangkok
Registered Capital	10,000 ordinary shares, at the par value of Baht 100 per share. 25 percent of which were already paid-up, representing the total registered and paid-up capital of Baht 250,000
The Company's Shareholding Percentage	100 percent

## Information of legal entities in which the Company held 10 percent of shares or more

<b>Company Issuing Securities</b>	<b>Vis Solis Limited or "Vis Solis"</b>
Business Operation	Development of electricity production business of various types
Registration No.	0105556152526
Head Office	587 Viriyathavorn Building, Sutthisan Winitchai Road, Ratchadaphisek Subdistrict, Dindaeng District, Bangkok
Registered Capital	10,000 ordinary shares, at the par value of Baht 100 per share. 25 percent of which were already paid-up, representing the total registered and paid-up capital of Baht 250,000.
The Company's Shareholding Percentage	100 percent

## Reference

<b>Securities Registrar</b>	<b>Thailand Securities Depository Co., Ltd.</b> 93 Rachadapisek Road, Dindaeng Subdistrict, Dindaeng District, Bangkok 10400 Telephone: 02-009-9000 Fax: 02-009-9991
<b>Auditor</b>	<b>EY Office Limited</b> 193/136-137, 33 <sup>rd</sup> Floor, Lake Rajada Office Complex, Rajadapisek Road, Klongtoey, Bangkok 10110 Telephone: 02-264-0777 / 02-661-9190 Fax: 02-264-0789-90

## Other Significant Information

- As at December 31, 2020, no information was found which was likely to materially affect the decision of investors.
- In 2020, the Company issued debentures, as follows:

Debt Instruments Offered for Sale in 2020	Issue Date	Maturity Date	Term	Value	Interest Rate	Credit Rating
Debenture No.1/2020 - Tranche 1	November 25, 2020	November 25, 2022	2 years	Baht 1,000 Million	2.31% per annum	A- / Stable
Debenture No.1/2020 - Tranche 2	November 25, 2020	November 25, 2023	3 years	Baht 1,500 Million	2.62% per annum	A- / Stable
Debenture No.1/2020 - Tranche 3	November 25, 2020	November 25, 2027	7 years	Baht 1,500 Million <sup>1</sup>	3.76% per annum	A- / Stable

Remark: <sup>1</sup> The Debentures may be redeemed at the option of the Issuer on the fourth anniversary of the Issue Date and at any Interest Payment Date thereafter.

# MANAGEMENT AND CORPORATE GOVERNANCE

02



# INFORMATION ON SECURITIES AND SHAREHOLDERS

## Registered Capital and Paid-up Capital

1. As at December 31, 2020, the Company's registered capital amounted to Baht 9,240,000,000, divided into 9,240,000,000 ordinary shares, at the par value of Baht 1 per share, 8,129,382,729 shares of which were already paid-up, amounting to Baht 8,129,382,729.
2. The Company has no other shares besides the ordinary shares.

## Shareholders

### List of Major Shareholders of the Company

(a) Top 10 major shareholders as at December 30, 2020, which was the most recent closing date of the share register, were listed as follows:

No.	Name	Number of Shares	Shareholding Percentage
1	CH. Karnchang Public Company Limited	2,492,961,348	30.666
2	TTW Public Company Limited	2,030,759,929	24.980
3	Bangkok Expressway and Metro Public Company Limited	1,429,790,913	17.588
4	PT SOLE COMPANY LIMITED	200,000,000	2.460
5	Miss Chawaysara Pornpibul	131,800,000	1.621
6	SOUTH EAST ASIA UK (TYPE C) NOMINEES LIMITED	106,787,078	1.314
7	Thai NVDR Co., Ltd.	106,107,813	1.305
8	Mr. Min Thianvorn	70,000,000	0.861
9	Mr. Sombat Phanichewa	63,600,000	0.782
10	Mr. Uthaiphan Jirakunphongthon	40,900,000	0.503
Total		6,672,707,081	82.081



### Free Float Percentage of the Company

According to the information on shareholders as at the closing date of the share register for the right to attend the Ordinary General Meeting of Shareholders on June 25, 2020, the free float of the non-strategic shareholders was 23.81 percent of all issued and sold shares.

### Shareholding by Directors and Executives

According to the list of shareholders as at December 30, 2020, there were five directors and executives holding shares in the Company as follows:

Name	Position	Shareholding Percentage	
		Number of Shares	Percentage of All Shares
Mr. Plew Trivisvavet (by himself and his spouse)	Chairman of the Executive Committee	5,000,000	0.062
Dr. Jon Wongswan	Chairman of the Audit Committee	400,000	0.005
Dr. Vicharn Aramvareekul	Chairman of the Nomination and Remuneration Committee	2,680	0.000
Mr. David Van Dau (by the legal entity with more than 30 percent shareholding) <sup>1</sup>	Director	201,039,300	2.473
Dr. Michael Eric Raeder <sup>2</sup>	Deputy Managing Director: Engineering	170,000	0.002
Total		206,611,980	2.542

Remark: <sup>1</sup> Shares held under Thai NVDR Co., Ltd. in the amount of 1,039,300 shares.

<sup>2</sup> Shares held under Thai NVDR Co., Ltd.

(b) Major shareholders, who by circumstances had substantial influence on the Company's management policy or operations, comprised:

No.	Name	Number of Shares	Shareholding Percentage
1	CH. Karnchang Public Company Limited	2,492,961,348	30.666
2	TTW Public Company Limited	2,030,759,929	24.980
3	Bangkok Expressway and Metro Public Company Limited	1,429,790,913	17.588
Total		5,953,512,190	73.234

## Remarks:

- Top 10 shareholders of CH. Karnchang Public Company Limited as at June 30, 2020, which was the closing date of the share register for the right to attend the shareholders' meeting, comprised:

No.	Name	Number of Shares	Shareholding Percentage
1	Mahasiri Siam Co., Ltd.	242,745,365	14.33
2	CH. Karnchang Holding Co., Ltd.	181,787,530	10.73
3	Thai NVDR Co., Ltd.	117,743,888	6.95
4	CK. Office Tower Co., Ltd.	86,048,212	5.08
5	Bangkok Bank Public Company Limited	38,950,000	2.30
6	UOB KAY HIAN (HONG KONG) LIMITED - Client Account	31,185,300	1.84
7	SOUTH EAST ASIA UK (TYPE C) NOMINEE LIMITED	27,834,105	1.64
8	CH. Karnchang Public Company Limited	22,051,900	1.30
9	SCB DIVIDEND STOCK 70/30 LONG TERM EQUITY FUND (Long Term Equity Fund)	20,455,400	1.21
10	Krungsri Dividend Stock LTF (KFLTFDIV)	19,705,100	1.16
Total		788,506,800	46.54

- Top 10 shareholders of TTW Public Company Limited as at September 3, 2020, which was the closing date of the share register for the right to receive dividend, comprised:

No.	Name	Number of Shares	Shareholding Percentage
1	Mitsui Water Holdings (Thailand) Company Limited	1,036,500,000	25.98
2	CH. Karnchang Public Company Limited	774,077,400	19.40
3	Bangkok Expressway and Metro Public Company Limited	736,900,000	18.47
4	Thai NVDR Co., Ltd.	255,488,585	6.40
5	Bangkok Life Assurance Public Company Limited	139,904,800	3.51
6	Mr. Min Thianvorn	80,000,000	2.01
7	AIA COMPANY LIMITED - EQDP - D FUND 1	65,742,100	1.65
8	SOUTH EAST ASIA UK (TYPE C) NOMINEE LIMITED	40,911,900	1.03
9	Mr. Phaisan Chatphithak	32,500,000	0.81
10	Dhipaya Insurance Public Company Limited	24,360,700	0.61
Total		3,186,385,485	79.87

- Top 10 shareholders of Bangkok Expressway and Metro Public Company Limited as at June 26, 2020, which was the closing date of the share register for the right to attend the 2020 Annual Ordinary General Meeting of Shareholders, comprised:

No.	Name	Number of Shares	Shareholding Percentage
1	CH. Karnchang Public Company Limited	4,787,121,829	31.32
2	Mass Rapid Transit Authority of Thailand	1,256,259,584	8.22
3	Thai NVDR Co., Ltd.	1,205,839,759	7.89
4	Krung Thai Bank Public Company Limited	815,356,075	5.33
5	Social Security Office	480,341,600	3.14
6	Mr. Wichai Wachiraphong	369,888,857	2.42
7	STATE STREET EUROPE LIMITED	305,512,331	2.00
8	Bangkok Bank Public Company Limited	303,448,709	1.99
9	SOUTH EAST ASIA UK (TYPE C) NOMINEE LIMITED	290,696,674	1.90
10	Mr. Min Thianvorn	200,000,000	1.31
Total		10,014,465,418	65.52

### List of Shareholders of Subsidiaries Operating Core Businesses

(a) SouthEast Asia Energy Limited ("SEAN")

No.	Name	Number of Shares <sup>1</sup>	Shareholding Percentage
1	CK Power Public Company Limited	405,213,999	61.333
2	RATCH Group Public Company Limited	220,225,000	33.333
3	Shlapak Development Company Limited <sup>2</sup>	35,236,000	5.333
4	Mr. Nopadol Intralib	1	0.000
Total		660,675,000	100.000

Remarks: <sup>1</sup> Information as at the 2020 Annual Ordinary General Meeting of Shareholders held on March 19, 2020. In 2020, the shareholdings in SEAN remained unchanged.

<sup>2</sup> Incorporated in Commonwealth of the Bahamas (the Bahamas).

## (b) Nam Ngum 2 Power Company Limited ("NN2")

No.	Name	Number of Shares <sup>1</sup>	Shareholding Percentage
1	SouthEast Asia Energy Limited	660,675,000	75.000
2	EDL - Generation Public Company <sup>2</sup>	220,225,000	25.000
Total		880,900,000	100.000

Remarks: <sup>1</sup> Information as at the 2020 Ordinary General Meeting of Shareholders on March 19, 2020. In 2020, the shareholdings in NN2 remained unchanged.

<sup>2</sup> Incorporated in the Lao PDR and as a subsidiary of Electricité du Laos.

## (c) Bangpa-in Cogeneration Limited ("BIC")

No.	Name	Number of Shares <sup>1</sup>	Shareholding Percentage
1	CK Power Public Company Limited	175,824,998	65.000
2	Global Power Synergy Public Company Limited	67,625,001	25.000
3	Industrial Estate Authority of Thailand	21,640,000	8.000
4	Mrs. Napaporn Poowuttikul	5,410,000	2.000
5	Mr. Nopadol Intralib	1	0.000
Total		270,500,000	100.000

Remarks: <sup>1</sup> Information as at the 2020 Annual Ordinary General Meeting of Shareholders on March 20, 2020. In 2020, the shareholdings in BIC remained unchanged.

## (d) Bangkhenchai Company Limited ("BKC")

No.	Name	Number of Shares <sup>1</sup>	Shareholding Percentage
1	CK Power Public Company Limited	2,342,498	100.000
2	Mr. Narong Sangsuriya	1	0.000
3	Mr. Vorapote Uchoepaiboonvong	1	0.000
Total		2,342,500	100.000

Remark: <sup>1</sup> Information as at the 2020 Annual Ordinary General Meeting of Shareholders on March 18, 2020. In 2020, the shareholdings in BKC remained unchanged.

## (e) CKP Solar Limited (“CKP Solar”)

No.	Name	Number of Shares <sup>1</sup>	Shareholding Percentage
1	CK Power Public Company Limited	199,998	100.000
2	Mr. Vorapote Uchoepaiboonvong	1	0.000
3	Mr. Nopadol Intralib	1	0.000
Total		200,000	100.000

Remark: Currently, CKP Solar has not yet started its business operation.

<sup>1</sup> Information as at the 2020 Annual Ordinary General Meeting of Shareholders on April 22, 2020. In 2020, the shareholdings in CKP Solar remained unchanged.

## (f) Helios Power Limited (“Helios”)

No.	Name	Number of Shares <sup>1</sup>	Shareholding Percentage
1	CK Power Public Company Limited	9,998	100.000
2	Mr. Vorapote Uchoepaiboonvong	1	0.000
3	Mr. Nopadol Intralib	1	0.000
Total		10,000	100.000

Remark: Currently, Helios has not yet started its business operation.

<sup>1</sup> Information as at the 2020 Annual Ordinary General Meeting of Shareholders on April 22, 2020. In 2020, the shareholdings in Helios remained unchanged.

## (g) Apollo Power Limited (“Apollo”)

No.	Name	Number of Shares <sup>1</sup>	Shareholding Percentage
1	CK Power Public Company Limited	9,998	100.000
2	Mr. Vorapote Uchoepaiboonvong	1	0.000
3	Mr. Nopadol Intralib	1	0.000
Total		10,000	100.000

Remark: Currently, Apollo has not yet started its business operation.

<sup>1</sup> Information as at the 2020 Annual Ordinary General Meeting of Shareholders on April 22, 2020. In 2020, the shareholdings in Apollo remained unchanged.

## (h) Sole Power Limited (“Sole”)

No.	Name	Number of Shares <sup>1</sup>	Shareholding Percentage
1	CK Power Public Company Limited	9,998	100.000
2	Mr. Vorapote Uchoepaiboonvong	1	0.000
3	Mr. Nopadol Intralib	1	0.000
<b>Total</b>		<b>10,000</b>	<b>100.000</b>

Remark: Currently, Sole has not yet started its business operation.

<sup>1</sup> Information as at the 2020 Annual Ordinary General Meeting of Shareholders on April 22, 2020. In 2020, the shareholdings in Sole remained unchanged.

## (i) Vis Solis Limited (“Vis Solis”)

No.	Name	Number of Shares <sup>1</sup>	Shareholding Percentage
1	CK Power Public Company Limited	9,998	100.000
2	Mr. Vorapote Uchoepaiboonvong	1	0.000
3	Mr. Nopadol Intralib	1	0.000
<b>Total</b>		<b>10,000</b>	<b>100.000</b>

Remark: Currently, Vis Solis has not yet started its business operation.

<sup>1</sup> Information as at the 2020 Annual Ordinary General Meeting of Shareholders on April 22, 2020. In 2020, the shareholdings in Vis Solis remained unchanged.

**Shareholders’ Agreement**

As at December 31, 2020, the Company had no shareholders’ agreement on any matter affecting the Company’s issuance and offering for sale of securities or its management.



## Issuance of Other Securities

### Debt Instruments

#### Debenture

The 2020 Annual Ordinary General Meeting of Shareholder on August 3, 2020 resolved to approve the extension of credit limit for the issuance and offering of debentures to not exceeding Baht 20,000 million from the previous credit limit of not exceeding Baht 10,000 million.

As at December 31, 2020, the Company had a total of five series of the outstanding debentures, with the total outstanding value amounting to Baht 10,500 Million, per the following details:

Symbol	Issue Date	Maturity Date	Interest Rate	Outstanding Value
CKP216A	June 18, 2018	June 18, 2021	2.56% per annum	Baht 4,000 Million
CKP286A <sup>1</sup>	June 18, 2018	June 18, 2028	4.06% per annum	Baht 2,500 Million
CKP22NA	November 25, 2020	November 25, 2022	2.31% per annum	Baht 1,000 Million
CKP23NA	November 25, 2020	November 25, 2023	2.62% per annum	Baht 1,500 Million
CKP27NA <sup>2</sup>	November 25, 2020	November 25, 2027	3.76% per annum	Baht 1,500 Million

Remark: <sup>1</sup> The Debentures may be redeemed at the option of the Issuer on the fifth anniversary of the Issue Date and at any Interest Payment Date thereafter.

<sup>2</sup> The Debentures may be redeemed at the option of the Issuer on the fourth anniversary of the Issue Date and at any Interest Payment Date thereafter.

#### Intended Use of Proceeds from Debentures

1. The intended use of proceeds from debentures CKP216A and CKP286A was to repay outstanding long-term loans and/or to support operation as working capital.
2. The intended use of proceeds from debentures CKP22NA, KP23NA and CKP27NA was to redeem debentures maturing in Q2/2021 for approximately Baht 1,000-2,000 million and/or to expand the Company's business for an approximately Baht 1,000-2,000 million, and/or to support operation as working capital for an approximately Baht 1,000 million. The Company is expected to use the proceeds within December 2021.

#### The use of Proceeds and the Remaining Proceeds from Debentures

1. The Company used all proceeds from debentures CKP216A and CKP286A according to the objectives disclosed in prospectus no. 1/2018.
2. The Company used Baht 2,000 million of proceeds from debentures CKP22NA, CKP23NA and CKP27NA to expand the Company's business. The remaining proceeds are to be used according to the objectives and timeframe disclosed in prospectus no. 1/2020.

#### Bill of Exchange

As at December 31, 2020, the Company had no outstanding bills of exchange.

## Warrants to Purchase New Ordinary Shares of the Company

The 2015 Annual Ordinary General Meeting of Shareholders on April 9, 2015 resolved to approve the Company's issuance and offering of the warrants to purchase the Company's new ordinary shares (CKP-W1), name-registered and transferable type, in the amount of 1,870 million units, to its existing shareholders, who subscribed for and made subscription payment for such new ordinary shares of the Company, in proportion to their respective shareholdings (Rights Offering), at the exercise ratio: 1 unit of warrant per 1 new ordinary share at the exercise price of Baht 6 per share. The valid tenure of CKP-W1 shall be 5 years from the date of issuance and offering for sale of the warrants. In this regard, the rights under CKP-W1 expired on May 28, 2020.

As at December 31, 2021, the Company had no outstanding warrants to purchase new ordinary shares.

## Policy on Dividend Payment

### Policy on Dividend Payment of the Company

The Company has a policy on dividend payment at the rate of not less than 40 percent of the net profit under its separate financial statements after deduction of corporate income tax and legal reserve. In this regard, such dividend payment will depend on the Company's cash flows, investment plan, necessity in use of investments, obligations under the conditions of the loan agreement, other future factors and appropriateness. Upon approval granted by the Board of Directors for the annual dividend payment, the matter shall be proposed to seek approval of the shareholders' meeting, except for the interim dividend payment, which the Board of Directors has the power to grant such approval when it considers that the Company has sufficient profits and cash flows for dividend payment, and shall then report to the following shareholders' meeting for acknowledgement. The Company's previous dividend payments were as follows:

Operational Results as reported in the Separate Financial Statement for the Year	2015	2016	2017	2018	2019 <sup>1</sup>	2020 <sup>2</sup>
Earnings per share (Baht)	0.05	0.15	0.04	0.03	0.07	0.08
Dividend per share (Baht)	0.0223	0.0600	0.0225	0.0280	0.0300	0.0350
Dividend paid (Million Baht)	164.35	442.20	165.83	206.36	243.88 <sup>4</sup>	284.53
Dividend payout ratio (percent) <sup>3</sup>	51.16	40.37	57.89	85.69	42.81	45.65

Remarks: <sup>1</sup> The interim dividend payment was made from the 2019 operational results in lieu of the annual dividend payment at the rate of Baht 0.0300 per share on May 12, 2020.

<sup>2</sup> This is an agenda item to be proposed to the 2021 Annual Ordinary General Meeting of Shareholders to be held on April 22, 2021, for consideration. The right to receive such dividend remains uncertain until the approval of the 2021 Annual Ordinary General Meeting of Shareholders would be granted.

<sup>3</sup> Calculated from the dividend paid per share divided by net earnings per share as reported in the Company's separate financial statements for each of such years.

<sup>4</sup> Calculated based on basic paid-up shares as at December 31, 2019.

### Policy on Dividend Payment of the Subsidiaries

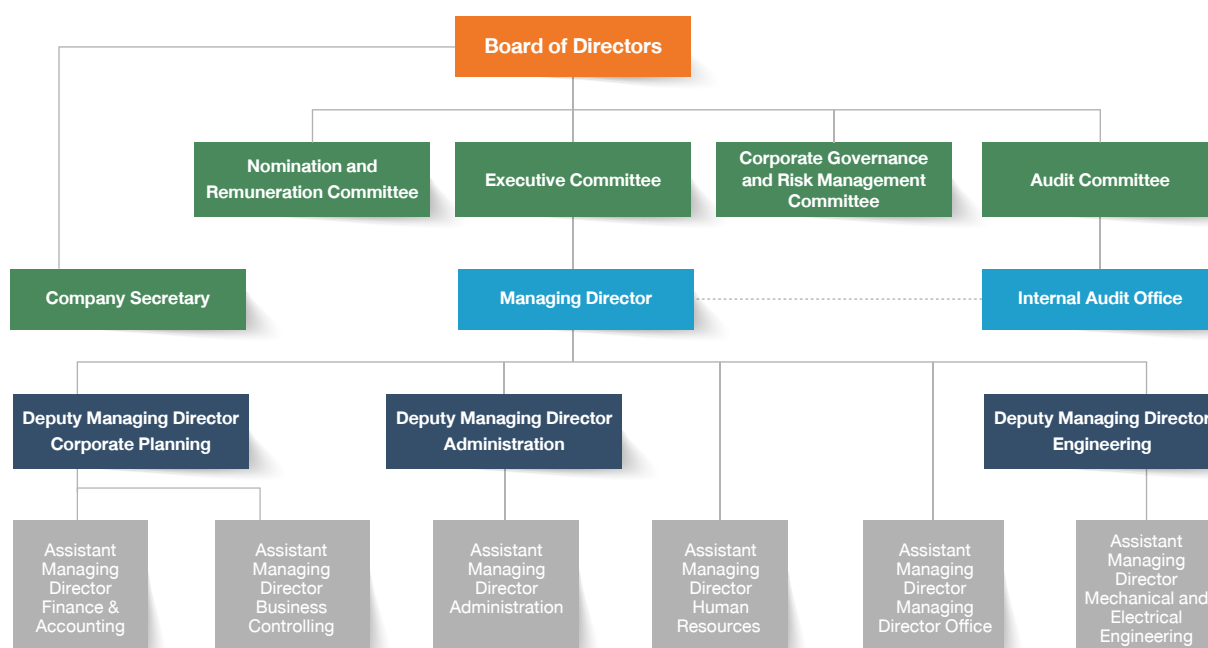
The subsidiaries have a policy on dividend payment at the rate of not less than 40 percent of the net profit under their respective separate financial statements after deduction of corporate income tax, legal reserve, and obligations under the loan agreement. In this regard, such dividend payment of the subsidiaries will depend on cash flows, investment plan, necessity in use of investments, other factors and appropriateness. The board of directors of each subsidiary will also consider granting approval and propose the matter to its own shareholders' meeting for approval on a yearly basis, except for the interim dividend payment, which the board of directors of each subsidiary

has the power to grant such approval when it considers that the subsidiary has sufficient profits and cash flows for dividend payment including the completion of necessary conditions of the loan agreement, and shall then report to its following shareholders' meeting for acknowledgement. For the consideration for dividend payment of each subsidiary, such resolution is required to be considered and approved by the Executive Committee's Meeting (for consideration on the interim dividend payment) or the Board of Directors' Meeting of the Company (for consideration on the annual dividend payment), as the case may be, before the subsidiaries can make such dividend payment to their shareholders as approved.



# MANAGEMENT STRUCTURE

The Management Structure of CK Power Public Company Limited as at December 31, 2020



The Company's management structure consisted of the Board of Directors, four subcommittees (the Audit Committee, the Executive Committee, the Nomination and Remuneration Committee and the Corporate Governance and Risk Management Committee) and the management team.

## Board of Directors of the Company and its Subsidiaries

### Structure of the Board of Directors

The Board of Directors has power, duties and responsibilities in supervision and management of the Company to ensure compliance with the laws, objectives and articles of association of the Company as well as resolutions passed by shareholders' meetings which are legally valid, based on the integrity and safeguard of the interests of the Company and its shareholders, by ensuring that the Company's management structure is clear, counterbalancing and auditable.

The structure of the Board of Directors is composed of qualified persons who have knowledge and experience in line with the Company's business strategies. As at

December 31, 2020, the Company had 12 directors (one of whom was a female director, representing 9 percent of the Board), divided into:

- one executive director, who also served as the Managing Director, representing 9 percent of the Board; and
- 11 non-executive directors, four of whom were independent directors (including Chairman of the Board of Directors), representing one-third or 33 percent of the Board.

In this regard, such management of the structure of the Board of Directors was conducive to counterbalancing votes and ensuring inspection by and between the executive director and non-executive directors.

The lists of names of the Board of Directors and number of meeting attendances are shown below:

Name	Position (Date of Appointment)	Number of Meetings in 2020 <sup>1</sup>
Dr. Thanong Bidaya	Chairman of the Board of Directors (23 August 2012) Independent Director (23 August 2012)	8/8
Mr. Plew Trivisvavet	Chairman of the Executive Committee (23 August 2012) Director (3 June 2011)	8/8
Dr. Jon Wongswan	Chairman of the Audit Committee ( 24 December 2018) Independent Director ( 24 December 2018)	7/8
Mr. Narong Sangsuriya	Chairman of the Corporate Governance and Risk Management Committee (14 January 2013) Director (26 September 2011)	8/8
Dr. Vicharn Aramvareekul	Chairman of the Nomination and Remuneration Committee (23 August 2012) The Audit Committee Member (23 August 2012) The Corporate Governance and Risk Management Committee Member (14 January 2013) Independent Director (23 August 2012)	8/8
Mr. Chaiwat Utaiwan	Executive Committee (9 June 2015) Director (9 April 2015)	8/8
Dr. Patarut Dardarananda	The Audit Committee Member (21 February 2019) The Nomination and Remuneration Committee Member (21 February 2019) Independent Director (21 February 2019)	8/8
Mr. Prasert Marittanaporn	Executive Committee (23 August 2012) The Nomination and Remuneration Committee Member (14 January 2013) Director (24 June 2011)	8/8
Mr. Van Hoang Dau <sup>2</sup>	Director (22 September 2016)	2/2
Mr. David Van Dau <sup>2</sup>	Director (1 March 2020)	5/6
Dr. Supamas Trivisvavet	Executive Committee (23 August 2012) Director (23 August 2012)	6/8
Mr. Vorapote Uchoepaiboonvong	Director (1 March 2016)	8/8
Mr. Thanawat Trivisvavet	Executive Committee (23 August 2012) The Corporate Governance and Risk Management Committee Member (1 July 2015) Director (3 June 2011) Managing Director (1 July 2015) Company Secretary (1 July 2015)	8/8

Remarks: Information on qualifications of persons holding positions as the Company's directors appears in Attachment 1 - Annual Registration Statement for Year 2020 (Form 56-1).

<sup>1</sup> Attendances/Total Number of Meetings

<sup>2</sup> The Board of Directors' Meeting No. 1/2020 on February 4, 2020 resolved to approve the appointment of Mr. David Van Dau as director, with effect on March 1, 2020, to replace Mr. Van Hoang Dau who resigned from his position on February 29, 2020.

In this regard, the related high ranking executives are required to jointly attend all the Board of Directors' Meetings for presentation of information regarding report on operational results of the Company, overviews of the potential operational results, operational obstacles or problems, progress in development of future projects of the Company, including other significant matters, in order for the Board of Directors to closely follow up and acknowledge the operations. The Board of Directors will use such information to consider formulating the short-term and long-term managerial policies and strategies of the Company and each subsidiary.

### The Company's Authorized Directors

1. Mr. Thanawat Trivisvavet and Dr. Supamas Trivisvavet jointly sign and affix the Company's seal, or
2. Either Mr. Thanawat Trivisvavet or Dr. Supamas Trivisvavet and Mr. Plew Trivisvavet or Mr. Narong Sangsuriya or Mr. Prasert Marittanaporn or Mr. Chaiwat Utaiwan or Mr. Vorapote Uchoepaiboonvong, totaling two directors, jointly sign and affix the Company's seal.

### Independent Directors

The Company has a policy to appoint independent directors who must account for at least one-third of all directors, but not less than three directors. The consideration, selection and appointment of candidates as the Company's independent directors must be conducted based on legal requirements, notifications of the Stock Exchange of Thailand, and the Office of the Securities and Exchange Commission (the "SEC Office") regarding qualifications of independent directors, which are stricter than the Notification of the Capital Market Supervisory Board No. TorChor. 39/2559 Re: Application for and Approval of Offer for Sale of Newly Issued Shares (and its amendments), together with the Board of Directors' Charter regarding qualifications of the Company's directors. In this regard, the Company determines independent directors' qualifications as follows:

1. Holding not more than 0.5 percent of the total number of voting shares in the Company, its parent company, subsidiary, associated company, major shareholder or controller of the Company, including shares held by the related parties;
2. Not being or having been a director having involvement in the management, an employee, a staff member, an advisor receiving a regular salary or a controller of the Company, its parent company, subsidiary, associated company, subsidiary at the same level, major shareholder or of controller of the Company, Exception such independent director has no longer been in such capacity for not less than two years prior to assuming the position as Member of the Independent director;
3. Not having or having had any business relationship with the Company, its parent company, subsidiary, associated company, major shareholder or controller of the Company in a manner which may prevent the exercise of his or her independent judgment; and not being or having been a substantial shareholder or controller of any person having a business relationship with the Company, its parent company, subsidiary, associated company, major shareholder or controller of

the Company. Exception such independent director has no longer been in such capacity for not less than two years, and not having any benefit or interest, whether directly or indirectly in respect of finance and management of the Company, its affiliated company, associated company, or a person who may give rise a conflict of interests in a manner which may result in a lack of independence;

4. Not having a relationship by blood or by legal registration in the capacity as parent, spouse, sibling or offspring, including spouse of the offspring, of other directors, executive, major shareholder of the Company, controller or any person to be nominated as director, executive or controller of the Company and its subsidiary;
5. Not being a director appointed as representative to safeguard interests of director, major shareholder or shareholder who is a related party of the major shareholder; and being capable of giving opinions or reporting in a free manner in accordance with the entrusted task irrespective of any benefit that might influence his/her independent opinion;
6. Not being or having been an auditor of the Company, its parent company, subsidiary, associated company, major shareholder, controller of the Company or legal entity which may have a conflict of interests; and not being a substantial shareholder, controller, or managing partner of an audit firm which employs the auditor of the Company, its parent company, subsidiary, associated company, or controller of the Company, Exception such independent director has no longer been in such capacity for not less than two years prior to assuming the position as Member of the Independent director;
7. Not being or having been a professional service provider, including legal advisor or financial advisor which receives an annual service fee exceeding Baht 2 Million from the Company, its parent company, subsidiary, associated company, major shareholder, controller of the Company; and not being a substantial shareholder, controller, or partner of such professional service provider. Exception, such independent director has no longer been in such capacity for not less than two years prior to assuming the position as Member of the Independent director;
8. Not engaging in any business of the same nature as and in material competition with the Company or its subsidiary; or not being a substantial partner in a partnership or a director having involvement in the management, an employee, a staff member, an advisor receiving a regular salary or holding more than 0.5 percent of the total number of voting shares of another

company engaging in any business of the same nature as and in material competition with the business of the Company or its subsidiaries;

9. The Members of the Audit Committee shall be the Company's independent directors in accordance with the qualifications required by the Office of the Securities and Exchange Commission.

As at December 31, 2020, the Company had four independent directors, who had the qualifications under the Notification of the Capital Market Supervisory Board, from a total of all 12 directors (one-third of all directors), with their names given as follows:

Name	Position
Dr. Thanong Bidaya	Chairman of the Board of Directors
Dr. Jon Wongswan	Chairman of the Audit Committee
Dr. Vicharn Aramvareekul	Chairman of the Nomination and Remuneration Committee The Audit Committee Member The Corporate Governance and Risk Management Committee Member
Dr. Patarut Dardarananda	The Audit Committee Member The Nomination and Remuneration Committee Member

In 2020, all of the Company's independent directors listed above possessed the full qualifications, and neither had any business relationship with nor provided any professional service to the Company.

### The Chairman of the Board of Directors

It is a policy of the Company that the Chairman of the Board of Directors and the Managing Director shall not be the same person and shall be independent directors who have no interest in the Company's management, in order to clearly distinguish between the policy making, and the day-to-day management. The Company clearly separates roles, duties and responsibilities between the Board of Directors and management and also ensures a counterbalance of power in its operations, whereby the Board of Directors determines policies, supervises and monitors the performance of management at the policy level, with management being responsible for managing the Company's works in various aspects to ensure compliance with the specified policies. In this regard, Dr. Thanong Bidaya, as an independent director and the Chairman of the Board of Directors, has knowledge and ability in line with the Company's business strategies, and also has well-recognized experience, ensuring that he will be able to lead the Company to accomplish the Company's visions and missions.

carrying out management of the business whose shares are held by public shareholders as specified by the SEC Office. That is, the Board of Directors shall be composed of at least five directors, and at least one-third of all such directors must be independent directors, and at least half of all such directors must reside in Thailand.

In case of a vacancy on the directorship position otherwise than retirement by rotation, the Board of Directors may select any person who is qualified as a replacement director at the following meeting with the votes of three-fourths of the remaining number of directors. The replacement director will hold office only for the remaining term of the director whom he or she replaces. In each annual ordinary general meeting of shareholders, one-third of the total number of directors shall vacate their office, whereby those directors to vacate their office shall be the directors who have been in office for the longest term. Upon expiration of the term of office, a vacating director may be re-appointed under the resolution of the shareholders' meeting.

### Appointment, Resignation and Vacation of Directorship

The shareholders' meeting appoints directors who have the qualifications and do not have any prohibited characteristic as specified by law, and do not have any characteristic indicating a lack of appropriateness to be entrusted with

### Scope of powers, duties and responsibilities of the Board of Directors per the details under the Board of Directors' Charter of the Company are as follows:

The Board of Directors' powers, duties and responsibilities are clearly separated from those of the Management. That is,

the Board of Directors has a duty to administer the Company and oversee to ensure that the Management's operations are conducted in accordance with the visions and missions, legal framework, the Company's objectives and articles of association, including resolutions of the shareholders' meeting which are legally valid, with honesty, integrity, prudence and due care to safeguard the Company's interests for the attainment of the Company's goal to contribute to interests of shareholders and stakeholders of the Company. Directors shall have important powers, duties and responsibilities as follows:

1. Convene the Board of Directors' meetings in accordance with the requirements specified in this Charter and all director members' attendance to each meeting would be required when there is any signification matter or transaction to be considered and voted, with such significant transactions complying with the Control Policy and Governance Mechanisms ("Control Policy"), and it shall include any transaction on acquisition or disposition of assets of the Company and its subsidiaries which has a material impact on the Company, consideration and approval of execution of connected transactions in accordance with the requirements of the Office of the Securities and Exchange Commission, expansion of investment projects, Table of Authority, and establishment of policies for management in various aspects;

The adequate measure to manage conflict of interests is to be concern and strictly conducted on the Board of Directors meeting;

2. Convene the annual ordinary general meeting of shareholders within four months from the end of the Company's accounting period, provided that the Company will submit a notice of the Board of Directors' meeting and meeting agenda, including supporting documents in advance within a reasonable period of time but not less than that as specified in the Company's articles of association;
3. Arrange for an accounting system, accounting policy, and material accounting practices, financial reporting and auditing which are reliable, as well as supervise to ensure a document filing system which is capable of subsequent verification, including internal control, internal audit and risk management with efficiency;
4. Prepare the financial statements at the end of the Company's accounting period to accurately present the financial position and operational results of the previous year which are true, complete, correct and in accordance with generally accepted accounting standards, by

adopting and observing the appropriate accounting policy on a regular basis, exercising a careful discretion in such preparation, and require adequate disclosure of significant information in the notes to the financial statements, as well as ensuring to have it audited by the Company's auditor prior to submission of the same to the shareholders' meeting for consideration and approval.

In this connection, the Board of Directors has assigned the Audit Committee to be in charge of the quality of financial reports and to have the power to consider approving the Company's interim financial statements for disclosure in accordance with the relevant requirements;

5. Prepare an annual report showing details of the operational results, financial report in the previous year of the Board so that they are disclosed to shareholders and used in support of consideration and approval of various related agenda items in an annual ordinary general meeting of shareholders;
6. Establish goals, direction, policies, business plans, and budget of the Company, conduct monitoring and supervision of management and administration by the Management to ensure compliance with the Company's visions and missions, including the approved policies, plans and budget with efficiency;
7. Consider, review, examine and approve the business expansion plan, large scale investment projects, including any joint investment with other operators as proposed by the Management;
8. Consider execution of transactions of various types according to the transaction volume as specified in the Table of Authority;
9. Consider approving payment of interim dividends of the Company and consider approving payment of the annual and interim dividends of its subsidiaries. In this connection, the Board of Directors has authorized the Executive Committee to consider approving payment of the interim dividends of its subsidiaries;
10. Oversee and supervise to ensure that the Company, its subsidiaries and associated companies comply with the laws on securities and exchange, the Notifications of the Capital Market Supervisory Board, the regulations of the Stock Exchange of Thailand, e.g., execution of connected transactions and acquisition or disposition of material assets, or laws applicable to the Company's business;
11. Consider appointing or having qualified person take those replacement to serve as directors in its subsidiaries or affiliated companies according to the Company's

shareholding percentage in such subsidiaries or associated companies, as well as enforce the Control Policy on such subsidiaries or associated companies to indicate that the Company has a governing mechanism for such subsidiaries or associated companies it seems as if they are the Company's work units to ensure compliance with the Notifications of the Capital Market Supervisory Board in a proper and complete manner. The Control Policy to be enforced on the Company's subsidiaries or associated companies shall be as follows:

- 11.1 Oversee and ensure that the Company's representative directors who are appointed as directors in the Company's subsidiaries or associated companies perform the duties within the scope of duties and responsibilities as specified, including complete and proper compliance with the requirements for execution of transactions on acquisition or disposition or related party transactions under law;
  - 11.2 Monitor and ensure that the operational results of the Company's subsidiaries and associated companies conform to the approved operation plans and budget on a continuous basis;
  - 11.3 Monitor and ensure that the Company's subsidiaries and/or associated companies disclose accurate and complete information to the Company regarding their financial position and operational results, connected transactions and acquisition or disposition of material assets.
12. Consider establishing the Company's management structure in accordance with the Principles of Good Corporate Governance, and consider approving policies, codes of conduct, charters of the Board of Directors and subcommittees, with such policies, codes of conduct requiring to be reviewed at least every two years and the charters requiring to be reviewed at least every year or as appropriate;
  13. Consider appointing subcommittees as appropriate, including determination of the scope of powers, duties and remuneration of such appointed subcommittees;
  14. Consider appointing directors, Managing Director, and Company Secretary, including determination of the scope of powers, duties and remuneration of such appointed directors, Managing Director and Company Secretary;
  15. Arrange for an orientation for new directors to ensure that the new directors acknowledge the Company's

expectations on directors' roles, duties and responsibilities under the Company's corporate governance guidelines, and build understanding of business of the Company, its subsidiaries and associated companies in preparation for performance of duties as directors and/or representative directors with efficiency;

16. Provide for whistleblowing channels through which any act of corruption or violation of corporate governance can be reported, and provide for the standard and secure whistleblower protection system, with the Company keeping such reports or clues confidential, and meanwhile, the Company imposes the criteria for inquiry and considers penalties against those wrongdoers in a strict discipline sequence.
17. The Board of Directors may authorize a subcommittee(s), one or several directors or any other person(s) to take any action on behalf of the Board of Directors, subject to its monitoring and supervision, or may authorize such person(s) to have powers as the Board deems appropriate and for the period of time as the Board deems appropriate, which such authorization may be cancelled, revoked, changed or amended by the Board as it deems appropriate.

In case of such person's authorization to act on behalf of the Board of Directors in any matter, such authorization shall be made in writing or recorded in a resolution of the Board of Directors in the minutes of its meeting, and the scope of powers, duties and period of time (if any) of such authorized person shall be clearly specified therein.

The said authorization shall not be construed to empower such director(s), subcommittee(s), or authorized person(s) to consider and approve any transaction in which such person(s) may have a conflict, interest, or which may give rise to any other conflicts of interest, to be executed with the Company or subsidiaries, except for approval of such transaction in compliance with the policies and rules which have already been considered and approved by the Board of Directors or such transaction in the ordinary course of business on the general trading conditions, subject to the rules, conditions and procedures as specified in relation to related party transactions and transactions on acquisition or disposition of material assets of listed companies under the Notifications of the Capital Market Supervisory Board and/or any other notifications of the relevant authorities.

## Subcommittees

Based on the powers under the Board of Directors' Charter, the Board of Directors appoints four subcommittees to conduct the Company's management in various aspects, as follows:

### 1. Executive Committee

As at December 31, 2020, the Executive Committee comprised five members, per names and number of their meeting attendances listed below:

Name	Position	Number of Meetings in 2020 <sup>1</sup>
Mr. Plew Trivisvavet	Chairman of the Executive Committee	16/16
Mr. Chaiwat Utaiwan	Executive Committee	16/16
Mr. Prasert Marittanaporn	Executive Committee	16/16
Dr. Supamas Trivisvavet	Executive Committee	15/16
Mr. Thanawat Trivisvavet	Executive Committee/Managing Director/ Secretary to the Executive Committee	16/16

Remarks: The Executive Committee has the scope of powers and duties per the details in the caption of Corporate Governance.

<sup>1</sup> Attendances/Total Number of Meetings

### 2. Audit Committee

As at December 31, 2020, the Audit Committee comprised three independent directors, per names and number of their meeting attendances listed below:

Name	Position	Number of Meetings in 2020 <sup>1</sup>
Dr. Jon Wongswan <sup>2</sup>	Chairman of the Audit Committee	4/4
Dr. Vicharn Aramvareekul	The Audit Committee Member	4/4
Dr. Patarut Dardarananda	The Audit Committee Member	4/4

Remarks: The Audit Committee Member shall have a term of office of three years according to the term of office as director. Upon expiration of the term of office, he may be re-appointed under the resolution of the board of directors' meeting.

The Audit Committee has the scope of powers and duties per the details in the caption of Corporate Governance.

<sup>1</sup> Attendances/Total Number of Meetings

<sup>2</sup> As the Audit Committee Member who is knowledgeable and experienced to review the Company's financial statements.

### 3. Corporate Governance and Risk Management Committee

As at December 31, 2020, the Corporate Governance and Risk Management Committee comprised one independent director, one non-executive director, and one executive director, totaling three persons, per names and number of their meeting attendances listed below:

Name	Position	Number of Meetings in 2020 <sup>1</sup>
Mr. Narong Sangsuriya	Chairman of the Corporate Governance and Risk Management Committee	4/4
Dr. Vicharn Aramvareekul	The Corporate Governance and Risk Management Committee Member	4/4
Mr. Thanawat Trivisvavet	The Corporate Governance and Risk Management Committee Member	4/4

Remarks: The Corporate Governance and Risk Management Committee Member shall have a term of office of three years according to the term of office as director. Upon expiration of the term of office, he may be re-appointed under the resolution of the board of directors' meeting. The Corporate Governance and Risk Management Committee has the scope of powers and duties per the details in the caption of Corporate Governance.

<sup>1</sup> Attendances/Total Number of Meetings

### 4. Nomination and Remuneration Committee

As at December 31, 2020, the Nomination and Remuneration Committee comprised two independent directors and one non-executive director, totaling three persons, per names and number of their meeting attendances listed below:

Name	Position	Number of Meetings in 2020 <sup>1</sup>
Dr. Vicharn Aramvareekul	Chairman of the Nomination and Remuneration Committee	3/3
Mr. Prasert Marittanaporn	The Nomination and Remuneration Committee Member	3/3
Dr. Patarut Dardarananda	The Nomination and Remuneration Committee Member	3/3

Remarks: The Nomination and Remuneration Committee Member shall have a term of office of three years according to the term of office as director. Upon expiration of the term of office, he may be re-appointed under the resolution of the board of directors' meeting. The Nomination and Remuneration Committee has the scope of powers and duties per the details in the caption of Corporate Governance.

<sup>1</sup> Attendances/Total Number of Meetings



### Board of Directors of Subsidiaries

The Company operates its business as a holding company. As at December 31, 2020, the Company had its subsidiaries, namely, SouthEast Asia Energy Limited (which has invested in Nam Ngum 2 Power Company Limited), Bangpa-in Cogeneration Limited, and Bangkhenchai Co., Ltd.

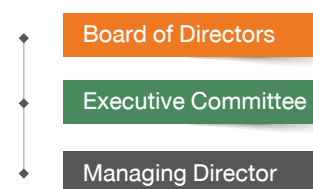
In this regard, the Company's subsidiaries are required to present their respective transactions under notifications of connected transactions or notifications of acquisition or disposition of assets, including transactions which are deemed material which, once executed, will materially affect the financial position and operational results of each subsidiary, to the Board of Directors' Meeting or the Executive Committee's Meeting of the Company (as the case may be) in compliance with the Control Policy and Governance Mechanisms (Control Policy), together with the Board of Directors' Charter of each subsidiary (please see details of the Control Policy in the caption of Corporate Governance).

Details of Management Structures, Lists of Directors and Authorized Directors of Subsidiaries

## 01

### SouthEast Asia Energy Limited (SEAN)

The management structure of SEAN as at December 31, 2020 was as follows:



SEAN's board of directors consisted of 10 directors, five of whom were executive directors, per names and number of their meeting attendances listed below:

Name	Position	Total Number of Meetings in 2020 <sup>1</sup>	
		The Board of Directors' Meeting	The Executive Committee's Meeting
Dr. Virabongsa Ramangkura	Chairman of the Board of Directors	3/3	
Mr. Plew Trivisvavet <sup>2</sup>	Chairman of the Executive Committee	3/3	3/3
Mr. Supong Chayutsahakij <sup>2</sup>	Director	3/3	
Mr. Narong Sangsuriya <sup>2</sup>	Director	3/3	
	Executive Committee		3/3
Mr. Prasert Marittanaporn <sup>2</sup>	Director	3/3	
Mr. Nimit Lekcharoensuk	Director	2/3	
	Executive Committee		3/3
Mrs. Wadeerat Charoencoop	Director	2/2	
Mr. Van Hoang Dau <sup>2,3</sup>	Director	0/1	
	Executive Committee		0/1
Mr. David Van Dau <sup>2,3</sup>	Director	2/2	
	Executive Committee		2/2

Name	Position	Total Number of Meetings in 2020 <sup>1</sup>	
		The Board of Directors' Meeting	The Executive Committee's Meeting
Mr. Milton William Shlapak	Director	2/3	
Mr. Vorapote Uchoepaiboonvong <sup>2,4</sup>	Director	1/1	
	Executive Committee		1/1
	Managing Director		
Mr. Wisate Chungwatana <sup>2,4</sup>	Director	2/2	
	Executive Committee		2/2
	Managing Director		

Remarks: Information on qualifications of persons holding positions as the subsidiaries' directors appears in Attachment 2 - the Company's Annual Registration Statement for Year 2020 (Form 56-1).

<sup>1</sup> Attendances/Total Number of Meetings

<sup>2</sup> Directors representing the Company in SEAN in proportion to the Company's shareholding in SEAN at 61.33 percent (excluding the Chairman of the Board of Directors who is an independent director)

<sup>3</sup> The Board of Directors' Meeting No. 1/2020 on February 20, 2020 resolved to approve the appointment of Mr. David Van Dau to hold the positions of director and Executive Committee, with effect from March 1, 2020, to replace Mr. Van Hoang Dau who resigned from his positions on February 29, 2020.

<sup>4</sup> The Board of Directors' Meeting No. 1/2020 on February 20, 2020 resolved to approve the appointment of Mr. Wisate Chungwatana to hold the positions of director, Executive Committee, and Managing Director, with effect from March 1, 2020, to replace Mr. Vorapote Uchoepaiboonvong who resigned from his positions, with effect on February 29, 2020.

#### Authorized Signatory Directors of SEAN

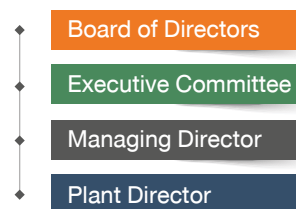
- Two of the following four directors, namely, Mr. Plew Trivisvavet, Mr. Narong Sangsuriya, Mr. Prasert Marittanaporn, Mr. Wisate Chungwatana, jointly sign and affix SEAN's seal; or
- Either Mr. Plew Trivisvavet or Mr. Narong Sangsuriya or Mr. Prasert Marittanaporn or Mr. Wisate Chungwatana, and another director, totaling two directors, jointly sign and affix SEAN's seal.



## 02

**Nam Ngum 2 Power Company Limited (NN2)**

The Company holds shares in NN2 through SEAN's shareholding, representing 46 percent of the Company's indirect shareholding in NN2. The management structure of NN2 as at December 31, 2020 was as follows:



NN2's board of directors consisted of 13 directors, six of whom were executive directors, per names and number of their meeting attendances, as follows:

Name	Position	Total Number of Meetings in 2020 <sup>1</sup>	
		The Board of Directors' Meeting	The Executive Committee's Meeting
Dr. Virabongsa Ramangkura	Chairman of the Board of Directors	4/4	
Mr. Plew Trivisvavet <sup>2</sup>	Chairman of the Executive Committee	4/4	4/4
Mr. Supong Chayutsahakij <sup>2</sup>	Director	4/4	
Mr. Narong Sangsuriya <sup>2</sup>	Director	4/4	
	Executive Committee		4/4
Mr. Prasert Marittanaporn <sup>2</sup>	Director	4/4	
Mr. Thanawat Trivisvavet <sup>2</sup>	Director	4/4	
	Executive Committee		4/4
Mr. Nimit Lekcharoensuk	Director	4/4	
	Executive Committee		4/4
Mrs. Wadeerat Charoencoop	Director	4/4	
Mr. Van Hoang Dau <sup>2,3</sup>	Director	0/1	
	Executive Committee		0/1
Mr. David Van Dau <sup>2,3</sup>	Director	3/3	
	Executive Committee		3/3
Mr. Milton William Shlapak	Director	3/4	
Dr. Bounleua Sinxayvolavong	Director	2/4	
Mr. Bounsalong Southidara <sup>5</sup>	Director	1/3	
Mr. Wongsakun Yingyong <sup>5</sup>	Director	1/1	
Mr. Vorapote Uchoepaiboonvong <sup>2,4</sup>	Director	1/1	
	Executive Committee		1/1
	Managing Director		
Mr. Wisate Chungwatana <sup>2,4</sup>	Director	3/3	
	Executive Committee		3/3
	Managing Director		

Remarks: Information on qualifications of persons holding positions as the subsidiaries' directors appears in Attachment 2 - the Company's Annual Registration Statement for Year 2020 (Form 56-1).

<sup>1</sup> Attendances/Total Number of Meetings

<sup>2</sup> Directors representing the Company in NN2 in proportion to the Company's shareholding in NN2 at 46 percent.

<sup>3</sup> The Board of Directors' Meeting No. 1/2020 on February 20, 2020 resolved to approve the appointment of Mr. David Van Dau to hold the positions of director and Executive Committee, with effect from March 1, 2020, to replace Mr. Van Hoang Dau who resigned from his positions on February 29, 2020.

<sup>4</sup> The Board of Directors' Meeting No. 1/2020 on February 20, 2020 resolved to approve the appointment of Mr. Wisate Chungwatana to hold the positions of director, Executive Committee, and Managing Director, with effect from March 1, 2020, to replace Mr. Vorapote Uchoepaiboonvong who resigned from his positions, with effect on February 29, 2020.

<sup>5</sup> The Board of Directors' Meeting No. 3/2020 on August 28, 2020 resolved to approve the appointment of Mr. Wongsakun Yingyong to hold the position of director, to replace Mr. Bounsalong SOUTHIDARA who resigned from his position, with effect from the date of the meeting's resolution.

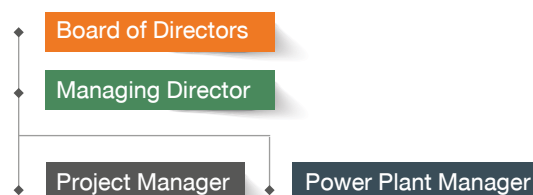
### Authorized Signatory Directors of NN2

- Two of the following four directors, namely, Mr. Plew Trivisvavet, Mr. Narong Sangsuriya, Mr. Thanawat Trivisvavet, Mr. Wisate Chungwatana, jointly sign and affix NN2's seal; or
- Either Mr. Plew Trivisvavet or Mr. Narong Sangsuriya or Mr. Thanawat Trivisvavet or Mr. Wisate Chungwatana, and another director, totaling two directors, and jointly sign and affix NN2's seal.

## 03

### Bangpa-in Cogeneration Limited ("BIC")

The management structure of BIC as at December 31, 2020 was as follows:



BIC's board of directors consisted of five directors, without any Executive Committee, per names and number of their meeting attendances listed below:

Name	Position	Number of Meetings in 2020 <sup>1</sup>
Mr. Thanawat Trivisvavet <sup>2</sup>	Chairman of the Board of Directors	4/4
Mr. Kamphuy Jirararuensak <sup>2</sup>	Director	4/4
Mr. Vorapote Uchoepaiboonvong <sup>2</sup>	Director	4/4
Mr. Smornchai Khoonrak	Director	3/4
Mr. Woravudh Anuruxwongsri <sup>2</sup>	Director	4/4
	Managing Director	

Remarks: Information on qualifications of persons holding positions as the subsidiaries' directors appears in Attachment 2 - the Company's Annual Registration Statement for Year 2020 (Form 56-1).

<sup>1</sup> Attendances/Total Number of Meetings

<sup>2</sup> Directors representing the Company in BIC in proportion to the Company's shareholding in BIC at 65 percent.

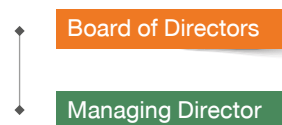
### Authorized Signatory Directors of BIC

Two directors jointly sign and affix BIC's seal.

## 04

**Bangkhenchai Co., Ltd. ("BKC")**

The management structure of BKC as at December 31, 2020 was as follows:



BKC's board of directors consisted of four directors, without the Executive Committee, per names and number of their meeting attendances listed below:

Name	Position	Number of Meetings in 2020 <sup>1</sup>
Mr. Vorapote Uchoepaiboonvong <sup>2</sup>	Chairman of the Board of Directors	6/6
Miss Rujira Chuaybamrung <sup>2</sup>	Director	6/6
Mr. Varoth Saksucharita <sup>2,4</sup>	Director	2/2
Mr. Sombat Trivisvavet <sup>2,3</sup>	Director	1/1
	Managing Director	
Mr. Thanawat Trivisvavet <sup>4</sup>	Director	5/5
	Acting Managing Director	

Remarks: Information on qualifications of persons holding positions as the subsidiaries' directors appears in Attachment 2 - the Company's Annual Registration Statement for Year 2020 (Form 56-1).

<sup>1</sup> Attendances/Total Number of Meetings

<sup>2</sup> Directors representing the Company in BKC in proportion to the Company's shareholding in BKC at 100 percent.

<sup>3</sup> The Board of Directors' Meeting No. 1/2020 on January 8, 2020 resolved to approve the appointment of Mr. Thanawat Trivisvavet to hold the positions of director and acting Managing Director to replace Mr. Sombat Trivisvavet who resigned from his positions, with effect from January 3, 2020.

<sup>4</sup> The 2020 Annual Ordinary General Meeting of Shareholders on March 18, 2020 resolved to approve Mr. Varoth Saksucharita's vacation of the position as director, with effect from the date of the meeting's resolution.

#### Authorized Signatory Directors of BKC

Two directors jointly sign and affix BKC's seal.



## Management Team

### CK Power Public Company Limited

#### The Company's Management Team Structure

The Managing Director is the Company's top executive. As at December 31, 2020, the Company had a total of nine executives under the definition of the Notification of the Capital Market Supervisory Board, per names and positions, as follows:

Name	Position
Mr. Thanawat Trivisvavet	Managing Director
Dr. Michael Eric Raeder	Deputy Managing Director: Engineering
Mrs. Muntana Auekitkarjorn	Deputy Managing Director: Corporate Planning
Miss Parichat Othayakul	Assistant Managing Director: Managing Director Office
Miss Rujira Chuaybamrung	Assistant Managing Director: Business Controlling
Mr. Thitipat Nananukool	Assistant Managing Director: Finance & Accounting
Mr. Jessadin Suwanbubpa	Assistant Managing Director: Human Resources
Mr. Rajesh Razdan	Assistant Managing Director: Mechanical and Electrical Engineering
Miss Penpeeraya Kwampien	Assistant Managing Director: Administration

Remarks: Information on qualifications of persons holding positions as the Company's executives appears in Attachment 1 - the Company's Annual Registration Statement for Year 2020 (Form 56-1).

#### Scope of powers, duties and responsibilities of the Managing Director

- To supervise and ensure proper operations in compliance with the Company's work rules, and to give final decision on any issues in question, and to seek the Board of Directors' approval for amendment of the work rules;
- To have power to issue orders, set out criteria, procedures and work practices as appropriate;
- To authorize other staff as substitute to perform works on his behalf, provided that the Managing Director shall remain responsible for all actions taken by such substitute;
- To jointly set out policies, strategies and goals with the Board of Directors for compliance and management to ensure that the operational results achieve such goals;
- To manage and administer works in all respects in accordance with the vision, missions, policies and strategies;
- To take care of personnel in various divisions to ensure they can efficiently and effectively perform in line with plans, strategies and goals of each division, and to regularly facilitate personnel development;
- To develop the organization to ensure its satisfactory operational results and performance, and to regularly and continuously improve its operations to ensure the organization's sustainable growth;
- To follow up, inspect, supervise and report the Company's overall operational results to the Board of Directors quarterly;
- To follow up, inspect, and supervise the operational results of the subsidiaries and/or associated companies as invested in by the Company to ensure the good operational results in accordance with goals and report on such results to the Board of Directors quarterly as well as seeking opportunities to improve performance;
- To conduct studies on investment opportunities in new projects, in both technical and financial feasibility terms, in a proper and complete manner, to support decision-making;
- To supervise and monitor the business operations and/or day-to-day administration of the Company;
- To proceed with or manage works in compliance with policies, action plans and budget as approved by the Board of Directors and/or the Executive Committee;
- To determine policies, business plans, including business strategies, and annual budget of the Company for submission of the same to the Executive Committee and seek approval thereof from the Board of Directors.

### Executives of Subsidiaries

As at December 31, 2020, the subsidiaries' executives under the definition of the Capital Market Supervisory Board had their names and positions as follows:

Name	Name of Executive	Position
SouthEast Asia Energy Limited	Mr. Wisate Chungwatana	Managing Director
Nam Ngum 2 Power Company Limited	Mr. Wisate Chungwatana	Managing Director
	Mr. Tossaporn Thipvoratham	Plant Director
Bangpa-in Cogeneration Limited	Mr. Woravudh Anuruxwongsri	Managing Director
	Mr. Chumpol Vessabutra	Project Manager
	Mr. Decha Jantawee	Power Plant Manager
Bangkhenchai Co., Ltd.	Mr. Thanawat Trivisvavet	Acting Managing Director

Remark: Information on qualifications of persons holding positions as the Subsidiaries' aforesaid executives appears in Attachment 2 - the Company's Annual Registration Statement for Year 2020 (Form 56-1).

### Company Secretary

The Board of Directors' Meeting No. 3/2015 on June 9, 2015 resolved to approve the appointment of Mr. Thanawat Trivisvavet, Managing Director, to hold offices as Company Secretary, as proposed by the Nomination and Remuneration Committee's Meeting, with powers, duties and responsibilities as described in the Securities and Exchange Act B.E. 2535 (1992) (and its Amendment), and as the Company Secretary to monitor activities of the Board of Directors and coordinate arrangements to ensure compliance with the resolutions of the Board of Directors, per the details of his duties and responsibilities as follows:

- To convene meetings and prepare and keep the following documents:
  - The register of directors;
  - The notices of directors' meetings, minutes of meetings of the Board of Directors and an annual report of the Company;
  - The notices of shareholders' meetings and minutes of shareholders' meetings;
  - The report on interest filed by directors or executives; to perform other matters.
- To provide advice to directors relating to relevant legal provisions, rules, requirements, and regulations;
- To ensure the Company's compliance with laws, the Company's articles of association, relevant regulations and Principles of Good Corporate Governance, as well

as coordinating to ensure compliance with resolutions of the Board of Directors or resolutions of the shareholders with efficiency;

- To ensure disclosure of information and report on information memoranda to the regulatory bodies;
- To contact and communicate with shareholders and the relevant regulatory bodies;
- To promote training in various courses and provide information useful for performance of duties of directors.

The Company Secretary has adequate qualifications to discharge the aforesaid duties, in a manner of working group, whereby the Business Controlling composing personnel graduated in law and accounting has supported the work of the Company Secretary to ensure efficiency in work performance and cover the scope of duties of the Company Secretary in accordance with laws, objectives, articles of association, resolutions of the board of directors' meetings and the shareholders' meetings, together with other applicable laws, in line with the operations based on the Principles of Good Corporate Governance.

The details of qualifications of the person who holds the position of Company Secretary are described in Attachment 1 - the Company's Annual Registration Statement for Year 2020 (Form 56-1).

## Remuneration for Directors and Executives

The Company has the criteria for determination of remuneration for its directors and subcommittee members for submission of the same to the shareholders' meeting for consideration and approval, and the policy on determination of appropriate remuneration for its executives in line with their duties and responsibilities, as follows:

### Remuneration for Directors

1. The Nomination and Remuneration Committee has the duty to consider related rules, regulations and criteria, including results of the board self-assessment in the previous year, for considering determining remuneration for directors, comprising remuneration, annual reward, for submission of the same to the shareholders' meeting for further consideration and approval. In this regard, remuneration rates will be reviewed yearly to ensure appropriateness under the Company's policy and operational results;

2. Remuneration for directors shall be considered based on performance, appropriateness for the scope of duties and responsibilities of each director in the previous year, including his/her experience, benefits expected from each director, remuneration level sufficient to attract and retain knowledgeable and qualified directors to perform duties for the Company, along with the Company's operational results and dividend payment to shareholders, as well as the Directors Compensation Survey of listed companies, which shall be comparable to that offered by companies in the same industry;
3. Elements of remuneration are clear, transparent and easy to understand.

In 2020, the 2020 Annual Ordinary General Meeting of Shareholders approved remuneration for directors in the amount not exceeding Baht 5,000,000 and 2019 annual reward in the amount not exceeding Baht 2,800,000, per the details as follows:

### Remuneration

#### 1. Remuneration for Directors

Position	Remuneration <sup>1,2</sup> (Baht per person)
Directors	300,000.00
Executive Committee	40,000.00
The Audit Committee Member	40,000.00
The Corporate Governance and Risk Management Committee Member	40,000.00
The Nomination and Remuneration Committee Member	40,000.00

#### 2. Remuneration

Position	Remuneration <sup>1,2</sup> (Baht per person)
Chairman of the Board of Directors	300,000.00
Chairman of the Executive Committee	100,000.00
Chairman of the Audit Committee	100,000.00
Chairman of the Corporate Governance and Risk Management Committee	100,000.00
Chairman of the Nomination and Remuneration Committee	100,000.00

Remarks: <sup>1</sup> The Company has fixed remuneration at such rates since 2013 onwards.

<sup>2</sup> The Company paid the remuneration to its directors/members according to their respective terms of office in 2020.



## 2019 Annual Reward

Position	Number (person)	Annual Reward (Baht per person) <sup>1, 2</sup>	Total Amount (Baht)
Chairman of the Board of Directors	1	500,000.00	500,000.00
Chairman of the Executive Committee	1	300,000.00	300,000.00
Chairman of the Audit Committee	1	200,000.00	200,000.00
Chairman of the Corporate Governance and Risk Management Committee	1	200,000.00	200,000.00
Chairman of the Nomination and Remuneration Committee	1	200,000.00	200,000.00
Directors and subcommittee members	5	200,000.00	1,000,000.00
Directors	2	200,000.00	400,000.00
<b>Total</b>	<b>12</b>		<b>2,800,000.00</b>

Remarks: <sup>1</sup> The Company paid the annual reward for its directors in 2014 for the first year.

<sup>2</sup> The Company considered paying the annual reward to its directors holding their positions throughout the year and its directors resigning from their positions during the year, in proportion to their respective terms of office.

In this regard, the total remuneration for the Company's directors and subcommittee members paid over the past years from 2015 - 2020 was as follows:

Details/Year	2015	2016	2017	2018	2019	2020 <sup>1</sup>
Remuneration for directors <sup>2</sup>	4,607,410.96	4,700,000.00	4,700,000.00	4,623,913.04	4,700,000.00	4,700,000.00
Annual reward <sup>3</sup>	2,750,000.00	4,400,000.00	2,800,000.00	3,452,054.79	2,800,000.00	2,800,000.00
<b>Total<sup>4</sup></b>	<b>7,357,410.96</b>	<b>9,100,000.00</b>	<b>7,500,000.00</b>	<b>8,075,967.83</b>	<b>7,500,000.00</b>	<b>7,500,000.00</b>

Remarks: <sup>1</sup> The Company will consider the 2020 annual reward for the directors in the 2021 Annual Ordinary General Meeting of Shareholders.

<sup>2</sup> The 2015 - 2020 Annual Ordinary General Meetings of Shareholders considered remuneration for directors at the same rate every year, namely, remuneration in the amount not exceeding Baht 5,000,000.

<sup>3</sup> The Company considered paying the annual reward based on the Company's operational results and dividend payment to shareholders. The Company started to pay the annual reward to its directors in 2014 for the first year.

<sup>4</sup> The Company considered paying the remuneration and the annual reward according to directors' respective terms of office.

## Remuneration for directors for 2020

## 1. Monetary remuneration

In 2020, the Company paid monetary remuneration to each director in the total amount of Baht 7,500,000.00, divided into remuneration for directors for 2020 in the amount of Baht 4,700,000.00 and the 2019 annual reward in the amount of Baht 2,800,000.00, as per the following details:

Unit : Baht

Name of Director	Position	Remuneration for 2020					Total Remuneration for 2020 <sup>1,2</sup>	2019 Annual Reward	Total
		Board of Directors	Executive Committee	Audit Committee	Corporate Governance and Risk Management Committee	Nomination and Remuneration Committee			
Dr. Thanong Bidaya	Chairman of the Board of Directors	300,000.00	-	-	-	-	600,000.00	500,000.00	1,100,000.00
	Independent Director	300,000.00	-	-	-	-			
Mr. Plew Trivisvavet	Chairman of the Executive Committee	-	100,000.00	-	-	-	400,000.00	300,000.00	700,000.00
	Director	300,000.00	-	-	-	-			
Dr. Jon Wongswan	Chairman of the Audit Committee	-	-	100,000.00	-	-	400,000.00	200,000.00	600,000.00
	Independent Director	300,000.00	-	-	-	-			
Mr. Narong Sangsuriya	Chairman of the Corporate Governance and Risk Management Committee	-	-	-	100,000.00	-	400,000.00	200,000.00	600,000.00
	Director	300,000.00	-	-	-	-			
Dr. Vicham Aramvareekul	Chairman of the Nomination and Remuneration Committee	-	-	-	-	100,000.00	480,000.00	200,000.00	680,000.00
	Independent Director	300,000.00	-	-	-	-			
	The Audit Committee Member	-	-	40,000.00	-	-			
	The Corporate Governance and Risk Management Committee Member	-	-	-	40,000.00	-			
Mr. Chaiwat Utaiwan	Director	300,000.00	-	-	-	-	340,000.00	200,000.00	540,000.00
	Executive Committee	-	40,000.00	-	-	-			
Dr. Patarut Dardarananda	Independent Director	300,000.00	-	-	-	-	380,000.00	200,000.00	580,000.00
	The Audit Committee Member	-	-	40,000.00	-	-			
	The Nomination and Remuneration Committee Member	-	-	-	-	40,000.00			
Mr. Prasert Marittanaporn	Director	300,000.00	-	-	-	-	380,000.00	200,000.00	580,000.00
	Executive Committee	-	40,000.00	-	-	-			
	The Nomination and Remuneration Committee Member	-	-	-	-	40,000.00			
Dr. Supamas Trivisvavet	Director	300,000.00	-	-	-	-	340,000.00	200,000.00	540,000.00
	Executive Committee	-	40,000.00	-	-	-			
Mr. Van Hoang Dau <sup>3</sup>	Director	49,450.55	-	-	-	-	49,450.55	200,000.00	249,450.55
Mr. David Van Dau <sup>3</sup>	Director	250,549.45	-	-	-	-	250,549.45	-	250,549.45
Mr. Vorapote Uchoepaiboonvong	Director	300,000.00	-	-	-	-	300,000.00	200,000.00	500,000.00
Mr. Thanawat Trivisvavet	Director	300,000.00	-	-	-	-	380,000.00	200,000.00	580,000.00
	Executive Committee	-	40,000.00	-	-	-			
	The Corporate Governance and Risk Management Committee Member	-	-	-	40,000.00	-			
Total		3,900,000.00	260,000.00	180,000.00	180,000.00	180,000.00	4,700,000.00	2,800,000.00	7,500,000.00

Remarks: <sup>1</sup> The 2020 Annual Ordinary General Meeting of Shareholders on August 3, 2020 approved the remuneration for directors in the amount not exceeding Baht 5,000,000 and the 2019 annual reward in the amount not exceeding Baht 2,800,000.

<sup>2</sup> The Company considered paying the remuneration and the annual reward according to directors' respective terms of office.

<sup>3</sup> The Board of Directors' Meeting No. 1/2020 on February 4, 2020 resolved to approve the appointment of Mr. David Van Dau as director, with effect from March 1, 2020 to replace Mr. Van Hoang Dau, who resigned from his position on February 29, 2020.

## 2. Other remuneration and benefits

- None -

### Remuneration for executives of the Company

The Company has established criteria and policy on payment of remuneration for executives of the Company which shall be reasonable and in line with the Company's operational results and the burden of duties and responsibilities of executives according to their performance. That is, the Nomination and Remuneration Committee shall consider determining remuneration for Managing Director for submission of the same to the Board of Directors' Meeting for consideration and approval; the Managing Director shall consider determining remuneration for Deputy Managing Directors under the requirements as specified by the Executive Committee for submission of the same to the Executive Committee's Meeting for consideration and approval. As for personnel in the position of Assistant Managing Director downwards, their remuneration shall be considered by the Managing Director. Moreover, the Company's annual salary increment shall be proposed to the Executive Committee for consideration and approval. In this regard, such remuneration increment shall be in accordance with the criteria specified by the Company. The Company has policy on consideration of remuneration as follows:

**Monetary remuneration:** comprising salary and annual reward (bonus), of which the Company's policy on consideration is as follows:

- Remuneration for Managing Director shall be considered from the short-term remuneration by applying the Key Performance Indicator (KPIs), consisting of Performance Appraisal and Management Competency, as criteria for performance assessment; and the long-term remuneration by taking into consideration the Company's operational results together with the attainment of the Company's specified vision, mission and strategies.
- Remuneration for executives at all levels shall be based on KPIs, consisting of Performance Appraisal and Management Competency, as jointly specified by the Executive Committee and the Managing Director, whereby there are performance indicators for executives in each position in line with his/her roles.

Furthermore, the Company considers comparing such remuneration with that offered by other companies in the same industry on similar scale for determining appropriate remuneration as sufficient to attract and retain professional and skilled executives to work for the Company.

**Other remuneration and benefits:** The Company provides a provident fund for saving of all executives and staff, whereby

executives and staff can choose to contribute savings at a rate from 5 to 15 percent of their respective salaries and the Company will then make the contribution at the rate of five percent to the fund.

In 2020, the Company paid remuneration to nine executives, consisting of:

- Monetary remuneration in the amount of Baht 81,409,800.00;
- Other remuneration and benefits in the amount of Baht 2,814,216.00.

### Remuneration for directors and executives of subsidiaries

In 2020, the subsidiaries paid remuneration to its directors and executives, per the following details:

#### 1. SouthEast Asia Energy Limited ("SEAN")

##### (a) Remuneration for directors

###### 1. Monetary remuneration

None, this was because directors in SEAN's board of directors concurrently held office as directors in NN2. Therefore, the shareholders' meeting of SEAN resolved to grant approval for the board of directors and the executive board of SEAN to receive remuneration as either directors or executive directors in NN2 only.

###### 2. Other remuneration and benefits

- None -

##### (b) Remuneration for executives

In 2020, SEAN paid remuneration to one executive, consisting of:

###### 1. Monetary remuneration

It comprised salary and annual reward in the amount of Baht 2,876,320.00.

###### 2. Other remuneration and benefits

It amounted to Baht 131,216.00 for the provident fund. The staff and executives can choose to contribute savings at a rate from 5 to 15 percent of their respective salaries and SEAN will then make the contribution at the rate of five percent to the fund.

#### 2. Nam Ngum 2 Power Company Limited ("NN2")

##### (a) Remuneration for directors

###### 1. Monetary remuneration

The 2020 annual ordinary general meeting of shareholders of NN2 on March 19, 2020 resolved to approve remuneration for directors for 2020 in the amount not exceeding Baht 5,220,000 and the 2019 annual reward in the amount not exceeding Baht 7,200,000.

In 2020, NN2 paid such remuneration to each director, per the following details:

Unit: Baht

Name of Director	Position	Remuneration for 2020		Total Remuneration for 2020	2019 Annual Bonus	Total
		Board of Directors	Executive Board			
Dr. Virabongsa Ramangkura	Chairman of the Board of Directors	700,000.00	-	700,000.00	1,000,000.00	1,700,000.00
Mr. Plew Trivisvavet	Chairman of the Executive Committee	-	620,000.00	620,000.00	800,000.00	1,420,000.00
Mr. Supong Chayutsahakij	Director	300,000.00	-	300,000.00	400,000.00	700,000.00
Mr. Narong Sangsuriya	Director	300,000.00	-	420,000.00	400,000.00	1,020,000.00
	Executive Committee	-	120,000.00	-	200,000.00	
Mr. Prasert Marittanaporn	Director	300,000.00	-	300,000.00	400,000.00	700,000.00
Mr. Thanawat Trivisvavet	Director	300,000.00	-	420,000.00	400,000.00	1,020,000.00
	Executive Committee	-	120,000.00	-	200,000.00	
Mrs. Sunee Rajatamutha <sup>1</sup>	Director	-	-	-	48,219.18	48,219.18
Mrs. Wadeerat Charoencoop <sup>1</sup>	Director	300,000.00	-	300,000.00	351,780.82	651,780.82
Mr. Van Hoang Dau <sup>2</sup>	Director	49,450.55	-	69,230.77	400,000.00	669,230.77
	Executive Committee	-	19,780.22	-	200,000.00	
Mr. David Van Dau <sup>2</sup>	Director	250,549.45	-	350,769.23	-	350,769.23
	Executive Committee	-	100,219.78	-	-	
Mr. Milton William Shlapak	Director	300,000.00	-	300,000.00	400,000.00	700,000.00
Mr. Bounleua Sinxayvolavong	Director	300,000.00	-	300,000.00	400,000.00	700,000.00
Mr. Bounsalong Southidara <sup>3</sup>	Director	197,283.00	-	197,283.00	400,000.00	597,283.00
Mr. Wongsakun Yingyong <sup>3</sup>	Director	102,717.00	-	102,717.00	-	102,717.00
Mr. Nimit Lekcharoensuk	Director	300,000.00	-	420,000.00	400,000.00	1,020,000.00
	Executive Committee	-	120,000.00	-	200,000.00	
Mr. Vorapote Uchoepaiboonvong <sup>4</sup>	Director	49,450.55	-	69,230.77	400,000.00	669,230.77
	Executive Committee	-	19,780.22	-	200,000.00	
	Managing Director	-	-	-	-	
Mr. Wisate Chungwatana <sup>4</sup>	Director	250,549.45	-	350,769.23	-	350,769.23
	Executive Committee	-	100,219.78	-	-	
	Managing Director	-	-	-	-	
Total		4,000,000.00	1,220,000.00	5,220,000.00	7,200,000.00	12,420,000.00

Remarks: Information on qualifications of persons holding positions as the subsidiaries' directors appears in Attachment 2 - the Company's Annual Registration Statement for Year 2020 (Form 56-1).

<sup>1</sup> The Board of Directors' Meeting No. 1/2019 on February 14, 2019 resolved to appoint Mrs. Wadeerat Charoencoop as director to replace Mrs. Sunee Rajatamutha who resigned from her position, with effect from the date of the resolution of the Board of Directors' Meeting. The remuneration was considered to be paid according to her term of office.

<sup>2</sup> The Board of Directors' Meeting No 1/2020 on February 20, 2020 resolved to appoint Mr. David Van Dau as director and Executive Committee, with effect from March 1, 2020 to replace Mr. Van Hoang Dau, who resigned from his positions. The remuneration was considered to be paid according to their respective terms of office.

<sup>3</sup> The Board of Directors' Meeting No 3/2020 on August 28, 2020 resolved to appoint Mr. Wongsakun Yingyong as director to replace Mr. Bounsalong SOUTHIDARA, who resigned from his position, with effect from the date of the meeting's resolution. The remuneration was considered to be paid according to their respective terms of office.

<sup>4</sup> The Board of Directors' Meeting No 1/2020 on February 20, 2020 resolved to appoint Mr. Wisate Chungwatana as director, Executive Committee and Managing Director, with effect from March 1, 2020 to replace Mr. Vorapote Uchoepaiboonvong, who resigned from his positions. The remuneration was considered to be paid according to their respective terms of office.

## 2. Other remuneration and benefits

- None -

## (b) Remuneration for executives

In 2020, NN2 paid remuneration to two executives, consisting of:

1. Monetary remuneration

It comprised salary and annual reward in the amount of Baht 12,789,540.00.

2. Other remuneration and benefits

None, this was because NN2 was incorporated in the Lao People's Democratic Republic (Lao PDR) in which criteria relating to provident fund is not established, thus NN2 does not provide a provident fund for its staff and executives.

## 3. Bangpa-in Cogeneration Limited ("BIC")

## (a) Remuneration for directors

1. Monetary remuneration

The 2020 annual ordinary general meeting of shareholders of BIC on March 20, 2020 resolved to approve only remuneration for directors for 2020 in the amount not exceeding Baht 1,320,000 and the 2019 annual reward in the total amount not exceeding Baht 990,000.

In 2020, BIC paid such remuneration to each director, per the following details:

Unit : Baht

Name of Director	Position	Remuneration for 2020	2019 Annual Bonus	Total
Mr. Thanawat Trivisvavet	Chairman of the Board of Directors	360,000.00	270,000.00	630,000.00
Mr. Kamphuy Jirararuensak	Director	240,000.00	180,000.00	420,000.00
Mr. Vorapote Uchoepaiboonvong	Director	240,000.00	180,000.00	420,000.00
Mr. Smornchai Khoonrak	Director	240,000.00	180,000.00	420,000.00
Mr. Woravudh Anuruxwongsri	Director and Managing Director	240,000.00	180,000.00	420,000.00
<b>Total</b>		<b>1,320,000.00</b>	<b>990,000.00</b>	<b>2,310,000.00</b>

Remark: Information on qualifications of persons holding positions as the subsidiaries' directors appears in Attachment 2 - the Company's Annual Registration Statement for Year 2020 (Form 56-1).

2. Other remuneration and benefits

- None -

## (b) Remuneration for executives

In 2020, BIC paid remuneration to three executives, consisting of:

1. Monetary remuneration

It comprised salary and annual reward in the amount of Baht 11,103,320.00.

2. Other remuneration and benefits

It amounted to Baht 387,753.00 for the provident fund. Its staff and executives can choose to contribute savings at a rate from 5 to 15 percent of their respective salaries and BIC will then make the contribution at the rate of five percent to the fund.

#### 4. Bangkhengchai Co., Ltd. ("BKC")

##### (a) Remuneration for directors

##### 1. Monetary remuneration

The 2020 annual ordinary general meeting of shareholders of BKC on March 18, 2020 resolved to approve only remuneration for directors for 2020 in the amount not exceeding Baht 240,000.

In 2020, BKC paid such remuneration to each director, per the following details:

Unit : Baht

Name of Director	Position	Remuneration for 2020	2019 Annual Bonus	Total
Mr. Vorapote Uchoepaiboonvong	Chairman of the Board of Directors	60,000.00	-	60,000.00
Mr. Varoth Saksucharita	Director	12,786.89	-	12,786.89
Miss Rujira Chuaybamrung	Director	60,000.00	-	60,000.00
Mr. Sombat Trivisvavet	Director and Managing Director	-	-	-
Mr. Thanawat Trivisvavet	Director and Acting Managing Director	58,852.46	-	58,852.46
Total		191,639.94	-	191,639.94

Remarks: Information on qualifications of persons holding positions as the subsidiaries' directors appears in Attachment 2 - the Company's Annual Registration Statement for Year 2020 (Form 56-1).

<sup>1</sup>The Board of Directors' Meeting No. 1/2020 on January 8, 2020 resolved to approve the appointment of Mr. Thanawat Trivisvavet as director and acting Managing Director to replace Mr. Sombat Trivisvavet, who resigned from his positions, with effect from January 3, 2020.

##### 2. Other remuneration and benefits

- None -

##### (b) Remuneration for executives

In 2020, BKC had no payment of remuneration, both monetary remuneration and other remuneration and benefits, to its executive.

## Personnel

### Number of Personnel and Remuneration of the Company and its Subsidiaries

As at December 31, 2020, the Company and its subsidiaries had a total of 261 staff members at the level lower than executive downwards, some of whom were staff performing work for the Company and its subsidiaries, including the Company's staff performing work for its subsidiaries via the Management Service Agreements between the Company and its subsidiaries.

In 2020, the Company and its subsidiaries paid staff remuneration in the total amount of Baht 199,449,258.00, consisting of:

1. Salary, based on performance of each staff;
2. Bonus, based on the Company's operational results;
3. Contribution to the provident fund paid by the Company at the rate of five percent of each staff's salary to the provident fund.

Company	Number of Personnel <sup>1</sup>	Remuneration <sup>1</sup>
CK Power Public Company Limited	126	129,409,697.28
SouthEast Asia Energy Limited	4	1,423,156.09
Nam Ngum 2 Power Company Limited	75	23,589,794.83
Bangpa-in Cogeneration Limited	55	44,658,289.67
Bangkhenchai Co., Ltd.	1	368,320.00
<b>Total</b>	<b>261</b>	<b>199,449,257.86</b>

Remark: <sup>1</sup> The total number of personnel and their remuneration at the level lower than executive downwards.

### Personnel Management of the Company and its Subsidiaries

The Company has established a personnel management policy which emphasizes the human resource operations of the Company and its subsidiaries in accordance with the Principles of Good Corporate Governance in a transparent manner, and also ensures the maximum efficiency. To that effect, the Company has applied a standard personnel management program to the Company and all of its subsidiaries to achieve efficiency in human resource management, and also continues to oversee operations through the mechanisms together with provision of the services in a manner of Shared Service Center, which performs work as if it were a work unit of such subsidiaries and associated companies, thereby enabling the Company to establish work methods to meet standards, with segregation of duties and appropriate internal control. Furthermore, it is a management technique which builds up employee's expertise in a specific field to increase work efficiency and to ensure effective management. Moreover, the Company and its subsidiaries have employed the Key Performance Indicators (KPIs) for performance measurement together with assessment of core competencies and managerial competencies of the executives and employees to ensure clear, transparent and comprehensive performance assessment, results of which can be used for personnel development. The Company gives priority to personnel development by underlining employees'

participation in providing suggestions and developing work processes to be fast and efficient by using Kaizen as a tool, as well as encouraging supervisors to give advice and serve as a role model. The Company has also used the Engagement Survey as a guideline for drawing up strategies and actions plans in terms of human resources as well following up the results on a concrete basis.

In respect of creating corporate culture, the Company has organized activities to raise awareness and understanding of the core values of the organization for all employees in the Company and its subsidiaries, and encourages employees to concretely apply the same to their own works and understand the expectations of core competencies and managerial competencies in their own roles.

In 2020, the Company and its subsidiaries had 12 resigned employees, with such resignations not resulting in significant change in the number of personnel. However, there was an increase in the number of employees to support the operation of the Xayaburi Hydroelectric Power Plant, by focusing on manpower management to ensure the suitable number of manpower and optimum efficiency. The Company has a policy to employ local labor, particularly in the areas adjacent to the Power Plant so that villagers in nearby communities are given an opportunity to develop occupational skills, secure income, and achieve the sustainable growth.

In 2020, as a result of the situation of the pandemic of Coronavirus Disease 2019 (COVID-19), the Company recognized the importance of staff safety, business continuity and electricity generation, and to that end, the Company implemented various measures to prevent and cope with the situation of the of COVID-19 pandemic on a systematic basis, and succeeded in enabling the power plants to continuously generate electricity with minimal impact. All of these were done with great cooperation from both executives and staff in following the Company's measures.

### Personnel Development Policy

Management of the Company and its subsidiaries recognizes the significance of improvement of skills and capabilities of both staff operating in respect of power plants and support staff. All staff are the key part that drives the Company to the direction set out by management. Furthermore, the management is aware that the Company and its subsidiaries must emphasize personnel development to ensure that their personnel have readiness in terms of knowledge, capability and experience which can be applied to work operations, and

meanwhile development of ethics and sense of accountability towards their own duties, colleagues and society shall not be taken for granted.

### 1. Development of Competency

The Company and its subsidiaries encourage their staff to attend local and international training courses to enhance staff's knowledge and skills in work performance. The department of human resources shall select the local training course in fields which personnel intend to develop, subject to approval of the executives in each line of command. Moreover, the Company opens up an opportunity for its staff to propose courses which are useful and conducive to work operations for development and enhancement of their competency. In this respect, the Company fixes an annual budget for the staff training at least Baht 10,000 per person.

The Company has opened up an opportunity for its staff to attend international training courses, whereby the work units shall consider the appropriateness and necessity in sending staff to receive such training. In the past, the Company sent its staff to attend the knowledge development-based training courses in various fields to be efficiently applied to work operations, and courses necessary for work operations of staff of each company in the group. In this regard, training plans can be proposed by any companies in the group. In 2020, the Company provided training courses and seminars for executives and staff of the Company and its subsidiaries, for a total of 10,939 training hours. In 2020, the average training hours was 37 hours per person, per the details of internal and external courses, as follows:

- Internal courses: 4,722 hours, divided into:
  - Core Program or courses, which everyone's attendance were required, included Core Value, Kaizen, Outward Mindset, Out ward Mindset for Leader;
  - Soft Skill courses, which enhanced skills and developed potential of staff in specific areas, such as, Business Proposals and Report Writing, SAP, Train the Trainer, Storytelling for Influence, Creative slide for Presentation Personal Data Protection Act. (PDPA), Thailand Sustainability Investment (THSI), and Microsoft 365, for staff who had knowledge in specific fields, e.g., engineering, information technology, procurement, and accounting;
  - The Company also placed importance on staff's attendance at specialized training courses for their

work in order to enhance their in-depth potential for their responsible works or Functional Training, such as, a crane-related refresher course, ISO 14001: 2015 Environmental Requirements, 9001: 2015 Quality Requirements, field training exercise in case of gas leaks trapped in the given area, firefighting techniques, ISO 45001: 2018 Occupational Health and Safety Management Standard System, Risk Assessment and Safety Opportunities, First Aid and CPR Internal Audit 3 Systems (9001: 2015, 14001: 2015, 45001: 2018), Fire Fighting and Evacuation Drills;

- Furthermore, the Company had a policy to provide knowledge sharing among colleagues or staff in the Company, by which staff were trained to be able to pass on the knowledge gained from training or their own expertise to others, such as, Excel Advance, Fire Alarm System, Super Admin 2020, solar panel change work and efficiency of electricity generation of New Model Solar Panel, Ergonomics Crane Safety, Basic Fire Fighting Training, Behavior Based Safety (BBS), Think Before Act, Emergency Plan: Fire, OSHE Target of 2020, COVID-19 PLAN: XPCL COVID-19 Emergency Plan XPCL, A severe pandemic of dengue safety training course fever in Lao PDR, Lesson Learning from Accident Case, Safety Regulation for Vehicle Driving in the XPCL Area, COVID-19 & Dengue Hemorrhagic Fever Situation, Sustainability training course, Microsoft 365 training course, Presentation Personal Data Protection Act.(PDPA) training course, etc.

- External courses: 6,058 hours, such as, Leadership for Manager, GM, AMD & DMD courses from SEAC Institute which brought the Leadership courses from abroad into Thailand, which allowed staff at the level of supervisor to receive basic techniques training of team management to be used as a team management tool, e.g., Growth Mindset, Emotional Intelligence, Step in for leader 10 Skill, E3: Empower, Engage, Execution, DISC Personality Traits at Workplace, Design Thinking, Managing in a minute.

The Company also sent employees to receive training in courses related to the routine work in each department, including trends as needed to increase knowledge to keep up with the changes in today's world, such as, HR Outlook 2020: The Key challenges facing future of work, preparedness for IT audits, Personal Data Protection Act: Process and Practical Guidelines, Solar Power Systems, personal data protection laws for internal audit work, development of sustainability reports in accordance



with Global Reporting Initiative (GRI) Standards Certified Training Framework, accurate accounting and tax planning for general business, Generator Control and Protection, Preparation of Greenhouse Gas Report for Listed Companies, impacts of the Coronavirus outbreak on financial statements, the standard of economic forum, Safety Officer at Management Level Program, etc.

- The Company has a process in place to monitor the knowledge development of the staff attending the training and seminars to measure their performance efficiency. The staff participating in the external courses must prepare their respective training summaries so that knowledge from the training can be used to improve and extend performance, with the supervisors being responsible for monitoring results of the staff's performance after such training. Moreover, the staff participating in the training programs must make a knowledge sharing among other staff in their lines of work and disseminate the training-related documents on the Share Drive.

The Board of Directors of the Company adopts a policy to support and encourage the directors, the executives, and the Company Secretary to attend training courses, seminars and make site visits, to enhance their knowledge and capability in work operations, by mainly taking into consideration those courses, seminars and site visits, both local and international, which convey content and details useful to the Company's business operations. In 2020, directors, executives, and Company Secretary attended the following training and seminars:

Internal courses: 159 hours, such as:

- Director Accreditation Program (DAP)
- The Standard Economic Forum – The World after COVID-19: How Thailand Wins in the Next Normal
- Singularity U Virtual Summit Thailand 2020
- Impacts of the Coronavirus Outbreak on Financial Statements
- Development of Preparation of Sustainability Report in accordance with the GRI Standards Certified Training Course Framework
- Preparation of Greenhouse Gas Report for Listed Companies
- Internal Control System for IPO Companies
- Workshop on Accounting, Business Merger
- Workshop on Accounting, Preparation of Consolidated Financial Statements
- Summary of Understanding and All Main Issues of TFRS for NPAs
- Gallup Global Strengths Coach

## 2. Career Advancement Opportunity

The Company and its subsidiaries considered restructuring their respective management to make it more transparent. Such restructuring not only secures staff's career advancement in their line of work, but also promotes highly capable and competent staff to become executives. The Company and its subsidiaries also employ KPIs, as an internationally acceptable system, for performance assessment of staff of the Company and its subsidiaries on a concrete basis, together with assessment of success factors, behavior, and potential of staff, to serve as another instrument for effectively developing staff, with an aim of ensuring that the Company's staff will be developed to become decent and competent citizens. Moreover, the Company and its subsidiaries are connected in the form of business group, therefore, staff in either of the group companies has an opportunity to pursue their cross-functional career path within the company group; which is another channel to build confidence and secure career advancement of staff.

## 3. Determination of Succession Plan

The Company realizes the significance of business continuity for sustainable growth of the Company and its subsidiaries, and recruitment of competent personnel to promptly succeed any resigned or retired staff. The Company has a policy to recruit quality personnel within the organization for appointment as successor before external recruitment. The Company uses the performance evaluation mechanism based on KPIs to consider staff's abilities and work behavior, as one of the factors for selection of personnel to be succeeded as executives, which will be incorporated in the succession plan. The hierarchy-based recruitment process has been available in place to ensure compliance with the personnel management policy in recruiting personnel to secure the succession to the important positions. The Company has also granted scholarships to potential staff to further their studies at the doctorate level in a field with a shortage of experts.

In this regard, details on the succession plan are shown in the caption of Responsibility of the Board of Directors - Succession Plan.

## 4. Work Safety

The Company's subsidiaries which operate core businesses as electricity producers have developed their management systems in accordance with the quality management system (ISO) so that various power projects invested in by the Company meet international standards,

and maintain a safe working environment as well as staff safety in each project. All power projects invested in by the Company have received the quality management system certifications, namely:

- The Nam Ngum 2 Hydroelectric Power Plant operated by Nam Ngum 2 Power Company Limited has received the ISO 9001: 2015 standard certification. The certificate has been granted to the operation and maintenance of the Nam Ngum 2 Hydroelectric Power Plant under the scope of Electricity Generation and Distribution by Hydro Power Plant, which is regarded as the Electricity Generating Authority of Thailand's first overseas project that received the ISO 9001: 2015 certification.
- The Bangpa-in Cogeneration Power Plant 1 and 2 operated by Bangpa-in Cogeneration Limited have received the ISO 9001: 2015, ISO 14001: 2015 standard certification.
- The solar power plants operated by Bangkhengchai Co., Ltd. have received the ISO 9001: 2015 standard certification.

## 5. Anti-corruption

The Company and its subsidiaries give priority to anti-corruption in every step of its operating procedures by incorporating the policy on anti-corruption and implementing procedures into the Corporate Governance Policy and the Control Policy and Governance Mechanisms (Control Policy), such as, guidelines for handling inside information and insider trading control, policy on execution of transactions with major shareholders, directors, executives and their connected persons, guidelines for consideration of execution of connected transactions of various types, requirements relating to business ethics and code of ethics, and a whistleblower guide when any corruption is found, all of which have been communicated by the Company to staff of the Company and its subsidiaries via the Intranet and the articles of association to build up acknowledgment and awareness of significance of proper compliance with the business ethics. Moreover, the Company has disclosed such policies to the public on the Company's website for transparency and review, as well as communicating the Company's commitment to anti-corruption. In this regard, details on the anti-corruption policy are shown in the caption of Corporate Social Responsibility-Anti-Corruption.

## 6. Staff Welfare

The Company and its subsidiaries provide both permanent staff and employees with welfare as required by law, with the Company allowing them to jointly express their opinions on welfare, as well as using recommendations from the Engagement Survey as a guideline for designing staff's welfare. The Company believes that employees who are happy, healthy and think positively can achieve the excellence of the performance. The Company has then started to implement the staff health protection measures by giving the influenza, hepatitis A and B vaccinations to the at-risk staff, and continues to support staff's sports and exercise by providing them with facilities, such as, yoga club, badminton club, football club, etc.

The Company has a fair and comprehensive enforcement of such criteria on consideration of staff benefits in accordance with standards, laws, and humanitarian principles. Moreover, the Company has provided staff with more fringe benefits by taking into account work achievement or as occasionally specified by the Company as appropriate, to raise staff morale. In addition, staff benefits are increased according to changes in economic and social conditions as appropriate. The Company's staff benefits are also comparable to those provided by other companies in the same industry. Over the past years, the Company and its subsidiaries had no any material labor dispute.

## Policy on Consideration of Staff Remuneration

The Company clearly formulates its staff remuneration policy, under which the Managing Director shall consider determining remuneration and increments of salaries and wages of staff, by taking into consideration various factors, comprising, salary and wage rates comparable to those in labor market according to the Company's salary and wage structures, qualifications, knowledge, capability, experience and chain of command, to ensure that staff receive salaries and wages at the rates suitable for their positions and responsibilities. Furthermore, a salary increment will be considered from the staff performance assessment based on the Key Performance Indicators (KPIs), as the criteria used for performance assessment of staff of the Company and its subsidiaries on a concrete basis. This includes an assessment of staff's success factors, behavior, and competency in work, as well as consideration of comparable rates to those in the same industry of similar scale. In this regard, the Company and its subsidiaries have conducted human resource management in accordance with the Code of Business Conduct, the Personnel Management Policy, together with other relevant codes of conduct, to achieve efficiency in management under the Principles of Good Corporate Governance.

# CORPORATE GOVERNANCE

The Board of Directors is confident that good corporate governance serves as a key factor in reflection of the efficient, transparent, and auditable management systems and also as an important factor in promotion of an overall success of the Company as an organization with its commitment of social responsibility, and all these will help build trust and confidence of shareholders, investors, stakeholders and all related parties. The Company has then adhered to and complied with the principles of good corporate governance through operations of the Board, management and staff, by formulating the Company's Code of Business Conduct to strengthen the norms and culture to ensure organization-wide compliance; and adherence to the codes of conduct and the corporate governance policy of the Company in accordance with the Principles of Good Corporate Governance for Listed Companies 2012 ("CG Principles") of the Stock Exchange of Thailand ("SET"), regulations of the Securities and Exchange Commission ("SEC Office"), and the Capital Market Supervisory Board, and in line with the Corporate Governance Code for Listed Companies 2017 ("CG Code") so that the Company can achieve stable and sustainable growth under its visions and missions.

Recognizing the significance of operations in compliance with the good corporate governance, the Board of Directors sets out the policies related to corporate governance in a written format to ensure the corporate practical guidelines have clarity, transparency, and auditability, including review of the Company's policies, and codes of conduct and guidelines for corporate governance by the Board of Directors' Meeting to ensure that they are appropriate and kept up to date in accordance with the regularly amended criteria of the CG Principles of the SET. Moreover, the Board of Directors is aware of the requirement to comply with the CG Code of the SEC Office by applying such principles to the Company's operations, per details shown in Compliance with Principles of Good Corporate Governance in Other Matters. The Company also discloses such policies, including the codes of conduct and guidelines on the Company's website with an aim of communicating the Company's business commitment based on the good corporate governance to the public.

The Board of Directors has established the policies, codes of conduct and charters to use as guidelines for work operations and corporate governance of the Company; while the management has drawn up practical guidelines for various matters under the said policies to serve as clear tools and procedures in work operations for adherence by every work unit in a concrete manner, and communicated and disseminated the policies, codes of conduct and charters, along with those practices guidelines to directors, executives and staff at all levels, together with all stakeholders, via the Company's website at [www.ckpower.co.th](http://www.ckpower.co.th) and via the Intranet system to ensure their accurate awareness, understanding and adherence, including to external personnel and all external sectors in order to build their trust. The Company regularly considers reviewing and updating the policies and codes of conduct every two years and the charters every year to ensure their appropriateness and conformity to the Company's current circumstances.

In this regard, the implementation of the corporate governance of the Company has covered the significant matters under criteria of the CG Principles of the SET, comprising five main categories, namely, Rights of Shareholders, Equal Treatment for Shareholders, Role of Stakeholders, Disclosure and Transparency, and Responsibilities of the Board of Directors, per the detail as follows:

## The Rights of Shareholders

The Company recognizes the significance and equality of various fundamental rights of all shareholders, both minority shareholders and institutional investors, whereby all shareholders are required to have right to accept profit sharing of the business, right to access adequate information and news of the business, right to attend meetings to exercise the voting right at shareholders' meetings for appointment or removal of directors, appointment of auditors, and right to participate in decisions on any matters which have an impact upon the Company, such as, allocation of dividends, determination or amendment of the Articles of Association and the Memorandum of Association, capital decrease or increase, and special transaction approval, etc.

\* Please see information and details on the Policies, Codes of Conduct, Charters and Guidelines on the Company's website at [www.ckpower.co.th](http://www.ckpower.co.th) > Corporate Governance

In addition to the aforesaid fundamental rights, the Company also proceeds with various matters which support and facilitate shareholders' exercise of the rights in key issues as follows:

#### 1. Access to Information on Shareholders' Meetings and Information Memorandum of the Company

- The Company gives prior notice of the schedule of a shareholders' meeting and agenda items of such meeting, including the record date for the right to attend the meeting and for the right to receive dividend (if any) via the news system of the SET and on the Company's website immediately after resolution by the Board of Directors' Meeting or the ordinary general meeting of shareholders.
- The Company sends an invitation letter to attend a shareholders' meeting and its supporting documents to each shareholder at least 7 days or 14 days (as the case may be) in advance. Such invitation letter contains clear details on agenda, various documents in support of the agenda, together with opinions of the Board of Directors, proxy forms as specified by the Ministry of Commerce, and the list of independent directors, as an option to facilitate shareholders' appointment of a proxy to attend the meeting, including map of the meeting venue. Furthermore, such invitation letter and supporting documents are disclosed via the news system of the SET and on the Company's website. The Company will also prepare the minutes of the shareholders' meeting, which contain correct and complete information, including constructive questions of shareholders, within 14 days from the meeting completion date and submit the minutes of the shareholders' meeting to relevant authorities within the specified period of time, and disclose such draft minutes on the Company's website, as another channel for all shareholders to access information conveniently, widely and transparently. In addition, the meeting is also recorded as a video clip to be made available on the Company's website in order for the shareholders who are unable to attend the meeting to equally receive the information and view the atmosphere of the shareholders' meeting on an annual basis.
- The Company notifies shareholders of details about their documents, which must be presented on the meeting date, in the invitation letter, to ensure that shareholders maintain their rights to attend the meeting and vote in accordance with the Company's

Articles of Association in relation to the shareholders' meeting.

- The Company sets policy to require the Board of Directors and executives to attend shareholders' meetings, particularly the Chairman of the Board of Directors and chairpersons of various subcommittees, to jointly clarify matters or answer questions raised by shareholders in each meeting. The Company also allows shareholders to have equal rights to fully make inquiries and offer opinions and suggestions, all of which are greatly appreciated and welcomed by the Company for consideration and further actions as appropriate.
- The Company prepares the Annual Registration Statement ("Form 56-1") and the Annual Report ("Form 56-2") in the bilingual version, namely, Thai and English, to make it conveniently accessible to all shareholders. Form 56-1 will be submitted to the SEC Office prior to the due date on March 31 each year and the Annual Report will be submitted in the form of QR Code to shareholders prior to the due date within 120 days from the ending date of the accounting period, together with the invitation letter to attend the annual ordinary general meeting of shareholders. Moreover, the Annual Report will have been disclosed on the Company's website, and at a shareholder's request, it will be sent in a hard copy to such shareholder, in order to facilitate shareholders' easy and timely access to information on the Company's operations.

#### 2. Participation in Shareholders' Meetings

The Company has held the meetings at the Company's head office which is situated in the convenient location for shareholders' commute to attend the meetings by various modes of transportation, and has arranged for a reception for shareholders at the meeting venue. The Company has used a computerized registration system which is capable of instant result processing after the end of each meeting agenda item. Such system renders it convenient to make the voting results verifiable precisely. Furthermore, the legal advisors are assigned to verify the counting of votes, and representatives of shareholders are also present to witness the counting of votes in each agenda item throughout the meeting time. The proportion of votes required for each agenda item to be approved and the actual votes of such agenda item will be clearly displayed after the end of collection of votes during the meeting to ensure confidence

in the counting of votes and encourage shareholders to regularly participate in the meetings. Moreover, shareholders are allowed to ask directors questions during the meetings to ensure that the shareholders present are facilitated and have actual participation in the meetings.

### 3. Participation in Management

The Company invited the shareholders to propose any agenda items and nominate candidates for selection as independent director via the news system of the SET and on the Company's website at least three months before the end of 2020 in order to allow minority shareholders to share their useful opinions with the Company.

Moreover, the Company has allowed shareholders to inquire about the Company's operational results, or request any relevant documents directly from the Company throughout the year via the Company's email at [ir@ckpower.co.th](mailto:ir@ckpower.co.th).

### The Equal Treatment for Shareholders

The Company has a policy to ensure equal and fair treatment and protection of rights of all shareholders, both Thai and foreign shareholders, major and minor shareholders, by various means as follows:

#### 1. Disclosure of Information in Support of Shareholders' Meetings

The Company allows minority shareholders to propose agenda items in advance prior to the shareholders' meetings and nominate candidates for appointment as directors in advance in the last quarter of each year. The meetings are conducted in accordance with the Articles of Association and the principles of good corporate governance, with shareholders being given clear notice of the same in the invitation letter sent to shareholders by registered mail, which has been publicized on the Company's website, and disclosed via the SET's website, and shareholders will be informed again prior to starting each shareholders' meeting. Furthermore, the Company has conducted the shareholders' meetings in accordance with agenda items as notified in the invitation letter. Full details of each agenda item must be provided, together with adequate supporting information. In addition, any items which have not been made known to shareholders in advance may not be added to the agenda, especially for such matters on

which shareholders must take time to consider relevant information prior to making a decision.

#### 2. Participation in Shareholders' Meetings and Management

Details refer to Item of the Rights of Shareholders, namely, Participation in Shareholders' Meetings and Participation in Management.

#### 3. Prevention of Insider Trading

The Board of Directors imposes measures against insider trading by related persons, including directors, executives, staff, and employees, together with their respective spouses and minor children, and also imposes punishments for disclosure or use of the Company's information for personal gain in accordance with the insider trading policy. Directors and executives of the Company have acknowledged and realized their duty to report to the SEC Office on their respective holdings of securities in the Company, with the report filing method being changed from hard-copy filing to electronic filing, including holdings of securities by their respective spouses, minor children, and any legal entities in which directors and executives hold more than 30 percent of their respective shares, as well as report to the SEC Office on any change in such securities holdings. In this regard, the Company will give written notice of a silent period of the Company's securities at least one month prior to the date of disclosure of the financial statements and at least one day after approval of the financial statements, in each quarter, in order for directors and executives to refrain from trading or changing their respective holdings of the securities during such period, in compliance with the regulations on insider trading. The Company also requires its directors and executives, including their respective related persons, to quarterly report to the Corporate Governance and Risk Management Committee's Meeting and the Board of Directors' Meeting on any change in their respective holdings of the Company's securities and the latest number of their respective securities holdings.

#### 4. Interests of Directors and Executives

- **Report on Conflicts of Interest of Directors**  
The Company requires its directors and executives to report their personal interests and disclose their and their related persons' directorships or executive positions in other legal entities. This is to ensure

that directors have available information in support of their consideration and approval of execution of transactions of the Company and its subsidiaries with accuracy and transparency in compliance with the relevant rules and regulations. In this regard, the Company Secretary keeps such reports on conflicts of interest filed by the directors and executives.

#### - Interested Directors' Participation in Meetings

The Board of Directors sets out a policy to prohibit its directors and executives who are connected persons or interested persons in relation to any agenda items from participating in the meeting and voting on such items, whereby such directors and executives are allowed to be present at the meeting only for presentation of information. Considering an interested person or connected person is based on such report on conflicts of interest, together with facts, to ensure actual compliance with the principles of good corporate governance.

### 5. Execution of Connected Transactions

The Company has established and disclosed the practical guidelines for execution of connected transactions on the Company's website. Criteria for consideration of execution of connected transactions by the Company can be summarized as follows:

#### - Transactions in Ordinary Course of Business or Transactions in Support of Ordinary Course of Business with General Commercial Terms and Calculable Remuneration based on Assets or Reference Value

There is no restriction on value of execution of transactions in ordinary course of business or in support of ordinary course of business with general commercial terms and calculable remuneration based on assets or reference value, to ensure that the execution of a transaction of high value will be duly approved by the Board of Directors' Meeting of the Company, the Board of Directors' Meeting of the Company has then resolved to grant approval in principle for management, namely, the Executive Committee's Meeting or management (as the case may be), to have the power to consider approving execution of transactions in ordinary course of business or in support of ordinary course of business with general commercial terms in compliance with the SEC Office's Letter No. SEC.Jor.(Wor) 38/2551 dated July 16, 2008 Re: Guidelines for Compliance with Section 89/12 (1) of the Securities and Exchange Act (No. 5) B.E. 2559 (2016).

In this regard, execution of connected transactions shall be reported to the Audit Committee and the Board of Directors for acknowledgment in the next meeting.

#### - Connected Transactions of Other Categories

The Company delegates to the Executive Committee the duty to consider scrutinizing and proposing such connected transactions to the Audit Committee's Meeting for consideration of justifications and benefits to be derived by the Company from execution of such transactions, for submission to the Board of Directors' Meeting for consideration and approval or further proposal to the shareholders' meeting, as the case may be, subject to the rules regarding transaction size pursuant to the Notification of the Board of Governors of the Stock Exchange of Thailand Re: Disclosure of Information and Other Acts of Listed Companies on Connected Transactions B.E. 2546 (2003) and the Notification of the Capital Market Supervisory Board No. TorChor.21/2551 Re: Rules on Connected Transactions.

In this regard, directors who are connected persons or interested persons in any such agenda item will be prohibited from participating in and voting at the Executive Committee's Meeting or the Board of Directors' Meeting during the consideration of such agenda item. The information memorandums regarding execution of transactions will be disclosed by the Company under the requirements of such two Notifications and also disclosed in the Company's Annual Registration Statement Form.

### The Role of Stakeholders

The Company realizes the significance of the rights of all groups of stakeholders, both inside, such as executives and staff of the Company and its subsidiaries, and outside, such as shareholders, suppliers/traders, creditors, financial institution lenders, communities adjacent to the power plants and society as a whole, and ensures fair treatment of all related parties. In addition, any inquiries or complaints can be submitted to directors or the Company Secretary directly via email of both channels as disclosed on the Company's website and in the Annual Registration Statement Form. The Company attends to the rights of the stakeholders as disclosed in the policies, codes of conduct, and practical guidelines of the Company as follows:



## 1. Rights of Stakeholders

### Shareholders

The Company realizes its role as a business entity committed to generating long-term profit with good and steady returns to shareholders' utmost satisfaction, and subject to an obligation as a member of society to operate its business responsibly to ensure its sustainable growth. The Company thus sets its management structure to take into account all groups of stakeholders by way of transparent and reliable disclosure of clear and correct information to shareholders in support of their decisions to invest in the Company. In addition, shareholders are allowed by the Company to participate in and conduct inspection of the Company's operations through various channels at all times, as well as monitoring that the Company complies with policies relating to shareholders to protect shareholders' fundamental rights and in no way commits any violation or infringement of the rights of shareholders.

### Staff

The Company regards all staff as important and instrumental in facilitating the organization's sustainable business operations and development in the future, by supervising that the personnel management policy and the Code of Conduct for Executives and Staff available on the Company's website shall be followed. The Company also focuses on staff's continuing development of competency, knowledge, abilities and skills in various fields, while attending to staff hygiene and safety at workplace, both headquarters and power plant sites, as per the following details:

#### (1) Nomination and Employment

The Company employs personnel nomination systems which meet standards through a variety of channels to nominate candidates who are the most qualified for each position as well as promoting their awareness of good values of the organization by means of continuous and broad communication with clarity through various channels.

#### (2) Structure and Evaluation

Despite the fact that the Company's corporate structure and evaluation meet standards, the businesses invested in by the Company had gradually commenced their respective commercial operations, as a result, the Company's scope of operations was expanded extremely over the past years. This is to ensure that the Company has its structure and evaluation which meet standards and can determine clear personnel

structure and job descriptions of the Company and each of its subsidiaries, as well as ensuring an appointment, transfer and reward program which are transparent and appropriate to staff based on each staff's overall competency and performance. Moreover, the Company applies the performance assessment system based on Key Performance Indicators ("KPIs") as criteria for consideration and performance assessment of each staff. In this regard, the Company firmly believes that the clear measurement system will motivate staff to conduct the individual performance development and will greatly assure staff of their career advancement.

#### (3) Remuneration and Welfare

The Company adopts a policy on payment of appropriate remuneration to staff at all levels by taking into consideration staff's performance and efficiency, along with the Company's operational results, through assessment centered on each staff's knowledge, ability and performance in the previous year, by comparison with average remuneration rates of staff in the electricity industry of similar size, economic factors and inflation rates. Moreover, the Company determines staff welfare and assistance programs in various aspects, among which, for example, establishment of a provident fund, granting the rights to medical treatment, life insurance and group life insurance, and annual health check-up in standard medical institutions, uniforms for staff, etc

#### (4) Training for Development of Work-Related Skills and Knowledge together with Ethics

The Company realizes the significance of personnel development by encouraging staff at all levels to attend training courses; both in theory and in practice, along with occupational technique development courses of each business line and other courses which help enhance efficiency in work performance. Furthermore, the Company provides staff opportunity to propose any interesting and useful courses to the Company's consideration and approval, subject to the annual budget for staff training. The Company also gives priority to creating a working environment and corporate culture to encourage all staff to participate in the Company's activities, extend generosity to each other and respect seniority and respect rights of each other, as well as cultivating the concepts and values of quality work systems, which will strengthen relationships and unity among staff of the Company and its subsidiaries.

In this regard, details on training for staff's knowledge development are shown in the caption of Personnel Development Policy - Development of Competency.

**(5) Work Environment, Safety and Hygiene**

The Company realizes the quality of life and work safety for staff of the Company and its subsidiaries, both staff performing duty inside their offices and at various power plants, whereby the Company formulates measures on occupational safety and health, including arranging for officers to conduct inspection on work safety as well as improving working surroundings and environment on a regular basis in accordance with the ISO requirements and related safety rules for safety. Moreover, all office and field staff of the Company and its subsidiaries are provided with annual health check-up services on a yearly basis. In addition, new staff are enjoined to receive health check-up prior to actual performance, to rest assured that staff are healthy and ready to fully perform works under his/her responsible duty; and the Company also encourages staff to be aware of proper health care. In addition, the Company not only strictly complies with the labor laws, but also pays respect for staff privacy, whereby their personal data, such as salary, medical treatment records, family background, will not be disclosed to any third party or unrelated persons, except for such information required to be disclosed to relevant third parties under the provisions of laws. This can assure staff that staff's personal information provided to the Company will not be disclosed to others without prior consent of staff, and if required, for the purpose of work performance of such staff only.

Details on safety and hygiene at work and measures to prevent the spread of Coronavirus Disease 2019 (COVID-19) are shown in the caption of Corporate Social Responsibility - Environmental Care.

**(6) Compliance with Rules and Regulations**

The Company emphasizes that staff of the Company and its subsidiaries must strictly comply with laws and rules and regulations of the Company or its subsidiaries, whereby the Company has announced and disclosed the Corporate Governance Policy ("CG Policy") in a written format, as a standard of work performance and desirable behaviors of staff, including the Operation Manual of all work units as prepared in writing and disclosed in

the Intranet system of the Company, in order to ensure staff's acknowledgment and compliance. Meanwhile, the Company enjoins all staff via staff's line of command to refrain from taking any illegal risky or suspicious action, whether criminal or civil. The Company also prevents any infringement of copyrights or intellectual property, whether with or without intent, and encourages staff to follow the operating guidelines and perform duties in good faith without involvement in any corruption. Furthermore, the Company sets out guidelines on disciplinary sanctions, after investigation, against any violation or wrongful act in order: verbal warning, written warning, suspension, and dismissal, in which case, the Company shall fairly consider providing severance pay under law.

**Creditors/Financial Institution Lenders**

The Company gives priority to its financial credibility and strictly complies with the conditions of the credit facility agreements by controlling and monitoring the financial management of the Company and its subsidiaries to ensure clarity and achievement of the objectives of money utilization notified to the creditors/financial institution lenders. The Company discloses reports on various forms of financial activities with transparency on a periodic basis and at request of the creditors/financial institution lenders. Over the past years, the Company and its subsidiaries have paid debts according to schedule without delay or default, nor have the Company and its subsidiaries ever negotiated for debt rescheduling, and as such, the financial institution lenders supporting the Company's power plants can rest assured of the financial stability of the Company, its subsidiaries and its affiliated companies.

**Trade Competitors**

The Company complies with equitable and transparent competition rules in a manner that the Company properly operates its business in compliance with applicable laws and the code of business ethics, as well as meeting standards of competition practices, and avoids any dishonest means to discredit trade competitors, with the Company having its guidelines for compliance with the Suppliers' Code of Conduct available to the public on the Company's website.

**Customers and Traders/Suppliers**

The Company operates its business as a holding company, holding shares in other companies engaging in business of production and distribution of electricity from hydropower, solar power, and cogeneration system, therefore, direct customers of its subsidiaries



and associated companies whose shares are held by the Company are the Electricity Generating Authority of Thailand (“EGAT”) and the Provincial Electricity Authority (“PEA”), as government agencies which purchase the electricity, and operators within the industrial estates. The individual users are then an indirect customer of the Company. The Company aims at providing maximum benefits from the efficient and steady distribution of electricity, which not only meets customers’ satisfaction, but also contributes to the national economic and social development. In achieving of the vision to be a leading power business company in Thailand and ASEAN region with the efficient operation, the Company formulates policies, and reviews, monitors the operational results of the companies invested in by the Company on a monthly basis to ensure their satisfactory operational results, with the full capacity in reliable distribution of electricity to the traders/suppliers in accordance with the power purchase agreements. In addition, satisfaction of electricity purchasers has been assessed, with consecutive good and excellent results. Currently, the power plants as invested in by the Company have already passed certifications of ISO standards. The Company also realizes the significance of the government sector’s energy balance policy to reduce utilization of electricity generated by consumable fuels and promote more utilization of renewable energy, which will result in the sustainable energy security for communities, society and the country.

The Company and its subsidiaries have not only given priority to their customers, but also to their traders/suppliers, through compliance with the Code of Business Conduct, the Suppliers’ Code of Conduct, and the Procurement Policy. The Company’s Procurement Policy conveys the material essence as follows:

1. Make procurement by taking into account quality, price, quantity, service, and timeline in response, by giving priority to efficiency and effectiveness, together with the environmental, social, governance responsibility.
2. Make procurement with transparency, fairness and auditability, as well as complying with relevant regulations, requirements and laws.
3. Establish process and procedures of procurement which are fair and equal for all sectors.
4. Select sellers or service providers which obtain environmental quality certification, and give the first priority to the use of labor under the human rights principles.

5. Promote the green procurement and support the use of products which are from renewable and eco-friendly resources, for instance, green-label certified goods, etc.

Details on customers’ satisfaction survey are shown in the caption of Corporate Social Responsibility - Fair Business Operations.

### Communities and Society

The Company is grateful to the country and is aware of its role as part of Thai business sector and a member of society with the duty to operate business based on the corporate social and environmental responsibility for the purpose of sustainable development of the organization in parallel with the national development. The Company thus adopts diversified policies on power plants implementation to strengthen the energy sector for the country, and focuses on eco-friendly power plants as well as devotes its full efforts to ensure the efficient distribution of electricity to the country, with an aim to be instrumental in developing and moving the country forward together with all parties concerned.

Other than taking into account social benefits from the Company’s business operations, the Company also continues to support social and environmental activities, in particular such activities in communities adjacent to various power plants invested in by the Company and in remote areas, so as to promote the development of communities and participatory awareness of social responsibility and public mind.

Details on activities for communities and society are shown in the caption of Corporate Social Responsibility - Corporate Social Responsibility Activity.

### 2. Protection of Rights and Roles of Stakeholders

The Company realizes the significance of equal rights of all stakeholders and then arranges for whistleblower channels through which a report on any non-compliance with the codes of conduct, any illegal acts or any suspected dishonest acts or misconduct committed by personnel in the Company and its subsidiaries can be filed, including any flaws in the internal control system, by both staff and other stakeholders, as well as having a whistleblower protection mechanism in place. In this regard, the whistleblower guidelines have been defined as follows:

**2.1 Whistleblowing:** The Company arranges for three whistleblower channels through which a whistleblower report can be filed with the executives and the Board of Directors, per the following:

- To the Company Secretary at compliance@ckpower.co.th;
- To the audit committee members and the Board of Directors at directors@ckpower.co.th;
- To the Investor Relations at ir@ckpower.co.th.

**2.2 Implementation:** The executives and the Board of Directors have appointed a working group to collect details; consider examining facts of happened events; and set out appropriate methods for dealing with each matter.

**2.3 Reporting of results:** The Company Secretary, executives or audit committee members shall report to the Board of Directors for acknowledgement and for further report to stakeholders.

In this regard, the Company establishes whistleblower protection measures, whistleblower confidentiality policy, with their details conforming to the practices of stakeholder engagement disclosed on the Company's website and the whistleblower channels disclosed on the Company's website: [www.ckpower.co.th](http://www.ckpower.co.th) under the heading of "Corporate Governance", in the sub-headings of "Declaration of Anti-Corruption" and "Whistleblowing Form". As for the whistleblowing information and complaints, the Company has restricted access to such information and its disclosure to the persons concerned only in order to ensure that the whistleblowers/complainants feel safe and secure. The whistleblowers or complainants may choose to disclose their respective identities or to remain anonymous. The Company may, when it deems appropriate, provide special protection measures if the process is likely and can be expected to cause any difficulty or unsafety to them, and the whistleblowers or complainants will receive damage alleviation or compensation which is appropriate and fair from the Company or persons causing such damage under the Company's management mechanism and the rules of laws.

The Company has incorporated various forms of anti-corruption in the CG Policy, and the Company is also setting out additional guidelines for formulating appropriate internal control measures. Moreover, the Company has established anti-fraud and anti-corruption practices as a clear guideline for personnel of the

Company and its affiliated companies, with the details disclosed on the Company's website.

Details on anti-corruption policy are shown in the caption of Corporate Social Responsibility-Anti-corruption.

### 3. Respect of Human Rights

All directors, executives and staff of the Company and its subsidiaries will be duly treated by the Company and its subsidiaries in accordance with the human rights and civil rights under the Constitution and laws. Furthermore, the Company and its subsidiaries set out employment guidelines for both permanent staff and employees for strict compliance with the labor employment standards and requirements under the labor laws so that the workplace is safe and hygienic as appropriate. Likewise, the directors, executives and staff shall treat others with respect for the human rights, including respect for the honor and dignity. The Company and its subsidiaries provide channels for communication, suggestion and grievance filing on work-related matters, to ensure that personnel of the Company and its subsidiaries embrace participatory management, which will make all staff of the Company and its subsidiaries feel being part of the organization and also foster their awareness of the duty to play a part in organization development, as well as building good understanding and relationships in work cooperation. At the same time, the Company also opens communication channels through which third parties can blow the whistle on misconduct or make any complaints with Company so that the Company acknowledges any problems, impacts or improvements arising from the business operations of the Company and its subsidiaries, as well as accepting recommendations for development of management and supervision of the Company and its subsidiaries. Over the past years, the Company and its subsidiaries had never received any report on or encountered any labor dispute or violation of human rights.

### 4. Respect of Intellectual Property Rights or Copyrights

The Company formulates the Corporate Governance Policy and the Information Technology Policy, together with security practical guidelines, which reflect strict respect for intellectual property rights or copyrights, as well as incorporating the same into the Operation Manual to ensure efficient communication and compliance of staff, namely, strictly prohibiting the Company's

personnel from using any copyrighted work or information for gain or taking any act in a manner risking infringement of intellectual property or copyrights, by requiring that all programs installed in the Company's computers for work operations must be legally copyrighted only.

## 5. Environmental Responsibility and Utilization of Resources

With the mission to generate optimal and steady returns and simultaneously give priority to creating benefits and minimizing impacts from power plants on the environment, communities and all parties concerned, other than the Company's selective investments in eco-friendly renewable energy power plants, the Company also realizes the significance of the most effective and productive utilization of resources in every step of its business operations, and implements the sustainability management policy to foster a sense of environmental protection awareness among staff of the Company and its subsidiaries, as well as ensuring that the Company's power plants, which have commenced their respective commercial operations and which are under construction, strictly comply with various environmental laws and regulations, including ISO standard requirements, in parallel with environmental rehabilitation to ensure balance and growth of the communities alongside environmental sustainability.

Currently, more than 90 percent of the Company's power plants are renewable energy power plants, namely, hydro electric power plants and solar power plants. In this regard, the Company is committed to continuing development of renewable energy power plant of various categories.

In this regard, details on environmental responsibility and utilization of resources are shown in the caption of Corporate Social Responsibility - Environmental Care.

## Disclosure and Transparency

The Company is aware of the significance of accurate, complete, transparent and timely disclosure of financial information, information to be periodically disclosed, and general information, including material information which may affect prices of the Company's securities, in accordance with the rules of the SEC Office and the SET, which may influence the decision-making on the part of the Company's investors and stakeholders, to ensure equal access to such information for shareholders, stakeholders, together with the general public, as per the details of disclosure and transparency as follows:

### 1. Channels for Disclosure

The Company regularly discloses the operational results under the periods and under significant events in accordance with the rules of the SEC Office and the SET via many channels, namely, websites of both the SEC Office and the SET, and the Company's website at [www.ckpower.co.th](http://www.ckpower.co.th), which will be always kept updated. In addition, there is a monitoring system of the Company's website visits in place to further improve information and to ensure shareholders' more thoroughly and convenient search for the Company's information, with the Company presenting significant information in both Thai and English versions, comprising:

- The Company's general information, namely, company background, visions and missions, policies and strategies, investment portfolio, results of power plants performance as presented to analysts or the public, organization chart, Board of Directors and subcommittees, including pending future projects, etc.
- Financial highlights, namely, financial reports, analysis summary of periodic operational results, stock information, stock news, analyst coverage and information for the general public as presented to analysts or the public, etc.
- Corporate governance, namely, Corporate Governance Policy, Form 56-1, Form 56-2, supporting documents and VDOs of shareholders' meetings, channels for whistleblowing or complaints, social and environmental responsibility activity news, etc.
- Sustainability, namely, sustainability overview, CSR activities, stakeholder engagement, supply chain management, environmental management, energy and climate strategy, etc.

Other than information disclosure via the websites, the Company also submits an invitation letter to attend each meeting or various documents within the periods required for the shareholders' meeting or under the SEC Office's or the SET's requirements for submission of documents to shareholders, that is, the Company submits Form 56-1 to the SEC Office before the due date on March 31 each year and submits the Annual Report in the form of QR Code to shareholders before the due date of 120 days from the end of the accounting period. In each year, the Company submits the invitation letter to attend the meeting together with the Annual Report in the form of QR Code to shareholders at least 14 days before the Annual Ordinary General Meeting of Shareholders, and

also delivers the printed Annual Report at the request of the shareholders, as well as disclosing the Annual Report on the Company's website on the same date as that of delivery of the invitation letter and the Annual Report to shareholders for ensuring shareholders' wide and instant access to information on the Company's operational results. In addition to those documents required under the requirements of the SEC Office and the SET, the Company also provides information on the Company's movements and discloses the Company's operational results through the Company's website and a variety of printing media, along with roadshows organized by the SET or invited by other agencies, including those organized by the Company on a quarterly basis.

In this connection, the Company provides channels for disclosure and explanation on corporation information to ensure all parties have clear, equal, accurate, complete and prompt access to the Company's information through the Company's central unit, namely, Investor Relations, which is responsible for contact and communication with shareholders, financial institution investors, securities analysts, investors and interested persons in accordance with the Investor Relations Code of Conduct to ensure that the Investor Relations Unit has carried out operations with fairness and non-discrimination under the principles of good corporate governance. In 2020, the Company organized related activities, as summarized below:

- 4 Analyst Meetings for clarifying the operating results;
- 5 Company Visits for providing information to investors, securities analysts, both at home and abroad, who met the executives, and conference call meetings;
- 1 Opportunity Day;
- 7 Roadshows for meeting investors, institutional investors, and retail investors, both inside and outside the country;
- Answering questions by telephone and email relating to business operations and business direction in the future, etc.

## 2. Preparation and Submission of Financial Reports

The Board of Directors acknowledges its responsibility for the accurate, complete, justifiable, and transparent information in financial reports, which can prevent any fraud and detect unusual activities, as well as safeguarding benefits of minority shareholders. The Company's financial statements are thus prepared

in accordance with generally accepted accounting standards in Thailand and comply with applicable laws and notifications, subject to the selected appropriate accounting policies and regular compliance, with an exercise of discretion with due care, including adequate and complete disclosure in the notes to the financial statements.

The Company appoints the auditor who has knowledge and expertise in this field, standard practice, and has an international reputation, without a conflict of interests with the Company which will cause a lack of independence in serving as the Company's auditor, to perform the duty in auditing the Company's financial statements, and the Company's certified public accountant will be rotated in accordance with the requirements of the SEC Office and relevant authorities, to ensure transparency and independence in the duty performance in compliance with the principles of good corporate governance. Moreover, the Company also releases the Management Discussion and Analysis relating to the financial position, operational results, and significant financial changes during the preceding quarters for shareholders and investors on a quarterly basis, together with disclosure via the SETLINK of the SET, along with submission of financial statements. Moreover, the information has been disclosed on the Company's website to facilitate any interested persons' access thereto as another channel. Until now, the Company has disclosed the quarterly and annual financial statements in advance before the due date of disclosure, and has no record of being ordered to revise the financial statements.

In this regard, the Board of Directors has reviewed the internal control system to ensure efficiency through the Audit Committee in order to reasonably assure that the accounting records are correct, complete and adequate to maintain the assets; and to detect any flaws for prevention of any fraud or significantly unusual activity.

## 3. Criteria for Trading Securities of Directors and Executives

The Company requires its directors and executives to refrain from trading securities of the Company at least one month before the date of approval of financial statements and at least one day after approval of the financial statements, whereby the Company will give written notice to its directors and executives, including their respective spouses, and minor children, and legal

entities in which directors and executives hold more than 30 percent of their respective shares, to refrain from trading or changing their holdings of securities, subject to the quarterly report to the Corporate Governance and Risk Management Committee, and the Board of Directors. Moreover, the Company requires staff authorized to have access to the Company's significant information, which may affect movement of its securities price, to refrain from trading such securities or to wait until the public receives the information and has adequate time to review such information as appropriate to ensure actual compliance with the requirements for insider information usage prevention under the CG Policy of the Company. In this regard, the Company requires its respective directors or executives to report to the Compliance and Legal Unit upon his/her trading of the Company's securities or change in his/her holding of the Company's securities so that the Company in association with such directors or executives will then completely report to the regulatory bodies within the periods of time specified by law, namely:

- As for any appointed directors and executives, who buy, sell, transfer or accept a transfer of securities or futures contracts, and have not yet been listed on the SEC Office's database for directors and executives, the Company will notify the list of such directors and executives under the method specified by the SEC Office within 7 business days from the date of purchase, sale, transfer or acceptance of the transfer of securities or futures contracts.
- Report on changes in securities holdings (Form 59) after each trading or change in holdings of securities in the Company shall be filed within 3 business days from the date of such trading or change in holdings of securities.

Furthermore, the Company requires its directors and executives to report to the Company for acknowledgement on their own interests and their related persons' interests, upon their holding of office for the first time and each change therein. In this part, the Company will regularly inquire about any change on their interests on a yearly basis through submission of a reporting form on interests to update information relating to their interests. These arrangements can assure the Company of transparency in consideration of execution of transactions, including in arrangements of various matters, without involvement of any directors or executives who may have a conflict of interest with such transactions.

## Responsibilities of the Board of Directors

### 1. Structure of the Board of Directors

- 1.1 The Board of Directors comprises qualified persons who have knowledge, abilities and experience at the management level from various organizations in a diverse variety of professional careers, namely, economics, administration, accounting, engineering and law, which are in line with the Company's business strategy to be a leading power business company in Thailand and ASEAN region, with efficiency in the operations. In addition, the Board of Directors' advisors, who are knowledgeable and specialize in different areas, namely, economics, accounting, finance, administration, and engineering, are appointed to provide useful consultation on technical and administrative matters for the Company and its subsidiaries, and they can efficiently apply their experience, knowledge and abilities to development and determination of policies and directions of the Company's business operations for the maximum benefits of the Company and shareholders. The Board of Directors plays a key role in formulating policies and strategies, and projecting the corporate image, along with supervision, inspection, monitoring of work performance of the management and assessment of the Company's operational results according to plan. The boards of directors of the Company and its subsidiaries will regularly meet to review their respective operational results in the preceding year to consider whether it meets the target and it is within the specified budget, as well as making future action plans to ensure consistency with strategies and business plans in the long and short terms on a yearly basis.

The Board of Directors realizes the significance of regular meetings to jointly consider reviewing the visions, missions and strategies of the Company on a continuous basis, as well as considering approval of significant transactions and annual action plans to fix the direction for the business operations.

- 1.2 The Board of Directors is composed of a total of 12 directors, comprising one executive director and 11 non-executive directors, with four independent directors (including the Chairman of the Board of Directors), representing not less than one-third of the total number of directors. Such board

structure gives rise to a counterbalance of votes on consideration of various matters. Furthermore, the Board of Directors appoints four subcommittees, namely, the Executive Committee, the Audit Committee, the Corporate Governance and Risk Management Committee, and the Nomination and Remuneration Committee.

1.3 Directors shall have a term of service for three years. Directors who retire by rotation may be re-appointed. At every annual general meeting of shareholders, at least one-third of the number of directors shall vacate their office.

1.4 The Chairman of the Board of Directors and the Managing Director are not the same person to separate their duties between the Corporate Governance Policy making and the day-to-day management, whereby the Board of Directors clearly determines powers and duties of the Chairman of the Board of Directors. That is, the Chairman of the Board of Directors is an independent director as defined by the SET and has no any relationship with the management. The main duties of the Chairman of the Board of Directors are as follows:

- To play a key role in providing opinions on the Company's policies which consider and set goals at the Board of Directors' Meetings, and to give recommendations on business operations, and monitor the overall performance of duties of the Board of Directors and various subcommittees to achieve objectives in accordance with the resolutions of the Board of Directors' Meetings, and encourage all directors to adhere to the corporate governance and codes of conduct in the Company's business operations.
- To preside over the Board of Directors' Meetings to ensure their efficient proceedings in accordance with the agenda, the Company's Articles of Association and laws; encourage all directors to participate in the meetings and express their opinions independently; and have the casting vote in case of an equality of votes at the Board of Directors' Meeting.
- To direct the shareholders' meetings to be proceeded in accordance with the agenda, the Company's Articles of Association and laws, by allocating appropriate time; as well as to provide equal opportunities for shareholders to express their opinions; and ensure appropriate and transparent answers to inquiries of shareholders.

## 2. Roles, Duties and Responsibilities of the Board of Directors

The Board of Directors has powers, duties and responsibilities in laying down the Company's management guidelines in compliance with laws, objectives and Articles of Association of the Company, as well as ensuring legitimate resolutions passed by the shareholders' meetings in good faith; and safeguard the interests of all stakeholders of the Company. Details of the scope of powers, duties and responsibilities of the Board of Directors are shown in the caption of Management Structure in accordance with the Board of Directors' Charter.

Furthermore, the Company has complied with the corporate governance criteria under the Principles of Good Corporate Governance of the SET, by establishing policies and work rules and regulations to promote its good corporate governance, as follows:

### 2.1 Conflict of Interest Policy

The Company realizes the significance of transparent consideration of various transactions which are useful for the Company, and then adopts a policy to prevent any transactions which may give rise to a conflict of interest, or related party transactions, as follows:

- Directors and executives must inform the Company of their relationships or connected transactions in any business which may give rise to a conflict of interest, and the Company will prepare a report on interests of such directors or executives accordingly;
- Any connected transaction with directors which may give rise to a conflict of interest with the Company must be avoided. Any connected transaction which is necessary to be executed must be proposed to the Audit Committee to consider providing an opinion prior to seeking the Board of Directors' approval in accordance with the Principles of Good Corporate Governance and to ensure compliance with the rules as specified by the SET and the SEC Office;
- Any director who has an interest in any agenda item is prohibited from voting and attending the meeting on such agenda item.
- Executives and staff must comply with the Articles of Association and the Code of Business Conduct of the Company, with which strict



compliance is considered of key importance, in order to ensure all stakeholders' trust and confidence in the Company, and the information must be made known to all staff of the Company for their understanding and compliance accordingly.

## 2.2 Requirements Relating to Ethics and Codes of Conduct

To ensure that staff of the Company have good practices and conduct themselves in a proper way to the professional business operations while having virtues, social and economic responsibility, and to promote the good corporate governance mainly based on honesty, integrity, and transparency, the Code of Business Conduct, the Code of Conduct for Directors, and the Code of Conduct for Executives and Staff have been defined as standard frameworks for the business operations for acknowledgement and compliance by directors, executives, staff and all parties concerned. The Company promotes all staff's understanding of principles and policies relating to the Code of Business Conduct, and compliance with various rules, regulations, including practices, which, before starting working, all new staff will be trained through staff orientation. The Company has also disclosed such codes of conduct on the Company's website. Their respective important details are given below:

- The Code of Business Conduct requires that the Company must operate its business legally for the benefit of the economic, social and environmental systems; treat all stakeholders fairly and refrain from taking advantage of all parties concerned; ensure information disclosure; treat its staff properly; create values that focus on the organization's interests rather than personal interests; and implement a whistleblower guide.
- The Code of Conduct for Directors requires that directors must perform their duties with honesty, integrity, fairness, prudence and due care; completely separate their personal dealings from the Company's dealings; keep the Company's information confidential and refrain from disclosing it except with the Company's permission; strictly adhere to and observe the laws, rules, regulations and notifications of the relevant regulatory bodies; as well as refusing to

receive any money, souvenir or gift; and refrain from abusing their directorships to seek personal benefit.

- The Code of Conduct for Executives and Staff requires that executives and staff must conduct themselves within moral frameworks and good traditions, and make any decisions in good faith, with due care, honesty, integrity in the best interests of the Company and all stakeholders; and adhere to ethics; ensure polite treatment towards staff and deal with their subordinates with fairness; and respect staff's rights and expression of opinions; and requires that staff must strictly comply with the Company's work rules and regulations; perform works with honesty, integrity, perseverance, diligence; and remain determined to improve efficiency in their own performance; have a positive attitude; treat senior staff and supervisors with respect; behave themselves within moral frameworks and good traditions; refrain from engaging in discreditable conduct; and refrain from disclosing confidential information as known from performance of their duties; maintain harmony, extend generosity towards others; perform their works with the aim of ensuring the maximum benefits of the organization; including the effective and optimum use of resources.

## 2.3 Internal Control System

The Company realizes the importance of the internal control system at the management and operating levels, and then clearly determines the scope of powers, duties and authorities in writing, as well as establishing the Internal Audit Office with the duty to review compliance with the internal control system, including supervision, monitoring of the use of assets for the optimum benefits. In addition, there is the segregation of duties and responsibilities for approval of accounting entries, information memoranda, and asset storage and care, to ensure checks and balances in an appropriate manner. Moreover, the Company imposes an internal control on financial system whereby the Company requires the financial reporting to the line management. In addition, the Company and its subsidiaries plan to employ the same auditor for convenient control and management of accounting and finance, and also require that the Company's auditor must be rotated

in accordance with the regulations of the SEC Office and relevant authorities. In this regard, the Company sets out clear and measurable business goals. That is, the management must review and compare the actual operational results with the specified goals; assess external and internal risk factors found in the operations; analyze contributing factors and establish measures to follow up events which cause such risk factors, including measures to minimize the risks and delegation to relevant units to regularly monitor such risks, together with report on the monitoring results to the Board of Directors.

#### 2.4 Risk Management

The Board of Directors appoints the Corporate Governance and Risk Management Committee to have the duties to consider approving the Company's risk management and acknowledge its subsidiaries' risk management, as well as follow up and acknowledge the risk management plans of the Company and its subsidiaries, including the duty to quarterly report to the Board of Directors' Meeting on problems in respect of key risks and progress of remedial actions for such risks.

#### 2.5 Remuneration for Directors and Executives

The Company fixes remuneration for directors and executives, on which details are shown in the caption of Remuneration for Directors and Executives - Remuneration for Directors and Executives.

#### 2.6 Development of Directors and Executives

The Board of Directors has a policy to promote and support training and provision of acknowledgment to personnel related to the Company's corporate governance system on a continuous basis. Details on training are shown in the caption of Personnel Development Policy - Development of Competency.

#### 2.7 Report of the Board of Directors

The Board of Directors is responsible for the Company's financial statements. The Audit Committee is authorized to review the financial report and ensure that the financial report is of quality and accurate in accordance with generally accepted accounting standards, and with transparent and adequate disclosure of the Company's material information. The management and/or the auditor jointly meet and propose the financial report to the Board of Directors every quarter. The Board of Directors is responsible for the Company's financial statements, including financial information memoranda (report on responsibilities of the Board of Directors towards financial report) in the Annual Report, that such financial statements are prepared in accordance with the generally accepted accounting standards and are audited and certified by the Company's auditor, and that the material information and news, both financial and non-financial, is completely and regularly disclosed based on the facts.

### 3. Subcommittees

The Board of Directors has established four subcommittees to closely monitor and supervise the operations, and regularly report on the results to the Board of Directors, comprising the Executive Committee, the Audit Committee, the Nomination and Remuneration Committee, and the Corporate Governance and Risk Management Committee. The Board of Directors determines the duties and responsibilities of each subcommittee, per the details in the captions of Management Structure and Subcommittees.



## 4. Board and Committee Meetings

Name	Attendances/Total Number of Meetings in 2020				
	Board of Directors	Executive Committee	Audit Committee	Corporate Governance and Risk Management Committee	Nomination and Remuneration Committee
Dr. Thanong Bidaya	8/8				
Mr. Plew Trivisvavet	8/8	16/16			
Dr. Jon Wongswan	7/8		4/4		
Mr. Narong Sangsuriya	8/8			4/4	
Dr. Vicharn Aramvareekul	8/8		4/4	4/4	3/3
Mr. Chaiwat Utaiwan	8/8	16/16			
Dr. Patarut Dardarananda	8/8		4/4		3/3
Mr. Prasert Marittanaporn	8/8	16/16			3/3
Mr. Van Hoang Dau <sup>1</sup>	2/2				
Mr. David Van Dau <sup>2</sup>	5/6				
Dr. Supamas Trivisvavet	6/8	15/16			
Mr. Vorapote Uchoepaiboonvong	8/8				
Mr. Thanawat Trivisvavet	8/8	16/16		4/4	

Remarks: <sup>1</sup> Mr. Van Hoang Dau vacated the position as director, with effect from February 29, 2020.

<sup>2</sup> The Board of Directors' Meeting No. 1/2020 resolved to approve the appointment of Mr. David Van Dau to hold the position as director, with effect from March 1, 2020, in replacement of Mr. Van Hoang Dau who resigned from the position.

## (1) Board of Directors' Meetings

The Company gives prior notice of annual schedule and main agenda of the Board of Directors' Meetings as well as the Company's annual meeting plan, to directors and executives so that all directors and executives can manage their time to attend the meetings. Pursuant to the Board of Directors' Charter, the Board of Directors' meeting must be held at least once every three months but more than six such meetings must be held a year. In this regard, the Board of Directors appoints and authorizes the Executive Committee to have the power to consider approving significant matters,

subject to the power of consideration and approval of the Executive Committee and as delegated by the Board of Directors, and monitor the management's performance.

The Company sends the invitation letter to attend the Board of Director's Meeting, together with agenda and supporting documents to directors and executives at least seven days prior to the meeting date, except for any urgent or confidential agenda items, in order for the Board of Directors to have time to study such information before attending the meeting.

In 2020, the Company's Board of Directors convened eight meetings to consider a variety of material matters, and a meeting with non-executive directors, without the management, in order for non-executive directors to independently share their views and to efficiently follow up the management's performance. The Chairman of the Board of Directors attended and presided over the meetings. As there were items on execution of connected transactions for consideration, directors who were interested persons as listed in the invitation letter and the agenda delivered by the Company to all directors and executives in advance, were well aware of their rights and duties, they then requested to be excused from attending such meetings and voting on such items to ensure compliance with the Company's Corporate Governance Policy and the Principles of Good Corporate Governance for Listed Companies.

In 2020, an average proportion of the Board of Directors' full attendance at the meetings was not less than 95.83 percent of all meetings.

Furthermore, the Company set out the practices relating to the minimum quorum at the Board of Directors' Meeting, namely, at the time when the Board of Directors cast their votes in the meeting, there shall be directors present at the meeting in a number not less than three-fourth or not less than 75 percent of all directors and there shall be composed of chairpersons of all subcommittees, to constitute a quorum, etc.

## (2) Subcommittees' Meetings

### - Executive Committee

In 2020, the Executive Committee convened 16 meetings to consider scrutinizing matters relating to management before proposing them to the Board of Directors, and consider approving various matters in relation to management under the power as delegated to it by the Board of Directors. Last year, the executive directors' attendance at the meeting which formed the quorum was 98.75 percent of all meetings.

The members of the Executive Committee strictly complied with the Principles of Good Corporate Governance by not attending the meetings on any agenda items in which they are connected persons or interested persons.

Details of report on performance of other subcommittees, are shown in the caption of Report of Subcommittees.

## 5. Board Self-Assessment

The Board of Directors has a policy to support assessment of the performance of the Board of Directors and subcommittees as a whole and on an individual director/member basis, at least once a year in accordance with the Principles of Good Corporate Governance for Listed Companies. The Board of Directors' Meeting used the Board Self-Assessment Form publicized by the SET in the assessment of the performance of the Board of Directors and subcommittees, as a framework for inspection of the performance of the Board of Directors and subcommittees to improve the efficiency of the Board of Directors' performance in conformity with the established policies.

The performance assessment of the Board of Directors and subcommittees is composed of core topics for assessment which include the following:

1. Structure and qualifications of the board of directors;
2. Roles, duties and responsibilities of the board of directors;
3. The board of directors' meetings;
4. Performance of duties of directors;
5. Relationship with the management; and
6. Self-development of directors and development of executives.

In 2020, the results of the performance assessment of the Board of Directors and subcommittees, with the full score equal 4 points in each topic, per the details as follows:

Board of Directors/ Subcommittees	Overall Performance Assessment Results of the Board (%)	Individual Performance Assessment Results (%)
The Board of Directors	3.89	3.88
Subcommittees	3.94	-

In 2020, the total average assessment scores were higher than those in 2019, and the overall scores were at a good level.

To assess the performance of the Board of Directors and subcommittees as proposed by the Corporate Governance and Risk Management Committee, the Company Secretary has been authorized to summarize and present the results of the performance assessment to the Nomination and Remuneration Committee to consider acknowledging such results, as well as setting out guidelines for improvement of efficiency in performance of the Board of Directors to ensure consistency with the principles of good corporate governance.

## 6. Remuneration for Directors and Executives

### - Remuneration for Directors

The Company establishes a clear policy on remuneration for directors in line with duties and responsibilities of each director, per details as shown in the caption of Remuneration for Directors and Executives - Remuneration for Directors.

### - Remuneration for Managing Director and Executives

Remuneration for Managing Director and Executives. The Company establishes criteria and policy on payment of remuneration for executives of the Company, per details as shown in the caption of Remuneration for Directors and Executives - Remuneration for Executives.

The amounts of remuneration for executives appear in the caption of Management Structure - Remuneration for Executives.

## 7. Development of Directors and Executives

### (1) Training for Directors and Executives

The Company has a policy to support and sponsor training and learning for its directors and executives on a regular basis to ensure their improved performance and recognition of their roles, duties and responsibilities as the Company's directors. To this effect, all directors have successfully passed the Director Certification Program ("DCP") or Director Accreditation Program ("DAP") organized by the Thai Institute of Directors Association ("IOD"). In

addition, the Company regularly sends directors to participate in training or seminars organized by the SEC Office or the SET. Details of the training and seminars are shown in the caption of Personnel Development Policy - Development of Competency.

### (2) Orientation for New Directors

The Company arranges for orientation for newly-appointed directors for the new directors to understand the business and performance of duties as directors. The Managing Director Office, in association with the management, prepares the company profile documents, comprising, company background, listed company director's handbook, the Principles of Good Corporate Governance, power and duties of the Board of Directors, previous operational results, and projects in the development plan, including schedules of committees/subcommittees' meetings. Furthermore, the Company encourages new directors to attend training courses organized by the IOD, such as, DCP or DAP, to support directors' and executives' performance of duties.

## 8. Succession Plan

The Company prepares the Guidelines for Succession Planning for the positions of Managing Director, the high level executives and in the primary line, to nominate personnel with competency to secure succession and smoothly perform duties in line with the Company's objectives and policies. In so doing, the Company emphasizes the internal recruitment, by taking into account each individual's performance, potential and readiness. In this regard, the Company prepares to provide those potential successors with development of knowledge, competency and skills as required for succession to their work positions in the absence of the Managing Director or executives in such positions, to ensure smooth and continued succession. Moreover, promotion is required to be considered every year under the specified criteria for development of personnel with good performance and competency to hold the higher position in accordance with the staff's line of command. There are procedures for determination and nomination of successors, namely, the Executive Committee will consider selecting successors to the position of Managing Director for nomination to the Nomination and Remuneration Committee's Meeting to consider scrutinizing such successors; and the Managing Director

will consider selecting successors to the position of Deputy Managing Director for nomination to the Executive Committee's Meeting to consider approving appointment as Deputy Managing Director; and the Managing Director will consider selecting successors to the position of Assistant Managing Director for further consideration and appointment.

As for human resource management at the middle management level downwards, the Company sets up a human resource management system by allocating, supervising, monitoring and evaluating, including a reasonable and fair remuneration system, together with determination of duties and responsibilities, job descriptions of personnel, performance standard, personnel development and communication with efficiency.

## Subcommittees

The Board of Directors appoints four subcommittees to closely monitor and supervise the operations, and regularly report on the results to the Board of Directors, consisting of the Executive Committee, the Audit Committee, the Corporate Governance and Risk Management Committee, and the Nomination and Remuneration Committee. The Board of Directors has determined the duties and responsibilities of each subcommittee, as follows:

### Executive Committee

The Board of Directors appoints the Executive Committee, comprising five members, with the duty to lay down business guidelines in pursuit of achievement of the strategies and goals set by the Board of Directors and ensure smooth administration. Details of the persons who serve as Chairman of the Executive Committee and members of the Executive Committee, together with their attendances at the Executive Committee's Meetings, appear in the caption of Management Structure - Subcommittees.

**Scope of powers, duties and responsibilities of the Executive Committee as specified by the Board of Directors is as follows:**

1. The Executive Committee has powers, duties and responsibilities to manage matters in relation to the ordinary course of business and management of the Company; scrutinize and set out policies, business plans, budget, management structure, with

managerial powers of the Company; and set out criteria for business operation in line with the economic conditions, for submission of the same to the Board of Directors' Meeting for consideration and approval and/or endorsement, including inspection and monitoring of the Company's operational results in accordance with the specified policies;

2. To propose goals, policies, business plans, including business strategies and annual budget of the Company, business expansion, financial plans, human resources management policies as well as to consider and screen the proposals of the management for submission of the same to the Board of Directors for consideration and approval;
3. To oversee, supervise the operations, and monitor the operational results of the Company in accordance with the set policies, goals, strategies, action plans, targets, and budget as approved by the Board of Directors to ensure efficiency, as well as giving recommendations concerning administration to the high-level executives;
4. To consider execution of transactions of different categories based on the Table of Authority, for instance:
  - To consider approving the use of money for investment, execution of financial transactions with financial institutions for account opening, loan, pledge, mortgage, guarantee, and any other transactions, which are considered the Company's normal transactions, in the amount not exceeding Baht 500 Million or within the amount approved by the Board of Directors.
  - To establish the Organization Chart.
  - To consider approving an employment/employment termination, and determine remuneration for high-ranking executives at the level of Deputy Managing Director.
5. To consider approving the operations which are normal business transactions, together with operations in support of the ordinary course of business of the Company on an arm's length basis in the amount not exceeding Baht 500 Million per transaction, but not exceeding budget as approved by the Board of Directors or approved in principle by the Board of Directors' resolution, subject to the rules of the Office of the Securities and Exchange Commission, including the Stock Exchange of Thailand, regarding connected transactions and transactions on acquisition or disposition of assets;

6. To consider profit and loss of the Company, proposals for payment of interim or annual dividends for submission of the same to the Board of Directors' consideration, or consider screening and proposing such matters to the shareholders' meeting for approval, as the case may be;
7. To consider approving the interim dividend of subsidiaries;
8. To authorize a member of the Executive Committee or Managing Director or one or more other persons to take any action on behalf of the Executive Committee, subject to control and supervision of the Executive Committee, and within a period of time as the Board deems appropriate. The Executive Committee may cancel, revoke, change or amend such authorization as it deems appropriate. Such authorization must be made in writing or recorded as a resolution of the Executive Committee, and clearly specify the scope of powers, duties, and term (if any) of such attorney-in-fact.

In this regard, such authorization must not be of the nature that empowers such authorized person(s) to consider and approve any transactions in which such person(s) may have a conflict, interest, or give rise to a conflict of interest in any other manners with the Company, except approval of transactions in accordance with the policies and criteria which have been already considered and approved by the Board of Directors, or an ordinary course of business with general commercial terms, all of which are subject to the specified criteria, conditions and procedures relating to connected transactions and transactions on acquisition or disposition of assets of the listed companies under the Notifications of the Capital Market Supervisory Board and/or any other notifications of relevant authorities.

9. To consider screening all types of work which must be proposed to the Board of Directors' Meeting, except any such work within the scope of its authority and responsibility and/or within the Company's other subcommittees' authority to be considered and screened for direct submission of the same to the Board of Directors.
10. To consider reviewing and updating the Executive Committee's Charter on a yearly basis.
11. To perform other functions as assigned by the Board of Directors.

### Audit Committee

The Board of Directors appoints members of the Audit Committee, comprising three independent directors holding the position of members of the Audit Committee, who have qualifications under the regulations as specified by the SEC Office. The Audit Committee's duty is to inspect and control the Company's operations to ensure compliance with the regulations of the relevant regulatory bodies for submission of the same to the Board of Directors for consideration and acknowledgement. The Board of Directors also sets out the Audit Committee's Charter to determine duties, qualifications, appointment and term of office of members of the Audit Committee. Members of the Audit Committee have a term of office for three years according to the term of directorship office. Upon expiration of the term of office, he/she may be re-appointed by the resolution of the Board of Directors' Meeting. Details of the persons who serve as Chairman of the Audit Committee and members of the Audit Committee, together with their attendances at the Audit Committee's Meetings, appear in the caption of Management Structure - Audit Committee.

### Scope of powers, duties and responsibilities of the Audit Committee as specified by the Board of Directors is as follows:

1. To review and ensure that the Company's and its subsidiaries' financial reporting is accurate and adequately disclosed;
2. To approve the quarterly financial statements for submission of the same to the Board of Directors for acknowledgement in the following Board of Directors' Meeting, as well as considering reviewing the annual financial statements for submission of the same to the Board of Directors to consider scrutinizing and proposing the same to the shareholders' meeting;
3. To review and ensure that the Company's and its subsidiaries' internal control and internal audit systems are suitable and effective; and consider the independence of the internal audit unit as well as approving consideration, appointment, transfer, termination of employment of the internal audit head or any other unit heads responsible for the internal audit;
4. To approve the internal audit plan and review the audit report as well as considering following up issues found in the audit report;
5. To review and ensure the Company's performance in compliance with the laws on securities and exchange, requirements of the SET and the laws relating to the Company's business, and review and ensure the Company's subsidiaries' performance in compliance

with the regulations specified in the Control Policy and Governance Mechanisms;

6. To consider, select, nominate, appoint/terminate employment, and determine remuneration of an independent person to serve as the Company's auditor, together with meeting with the auditor, and propose remuneration for such person, as well as meeting with the auditor without the presence of the management at least once a year;
7. To consider connected transactions or transactions which may involve a conflict of interest, including transactions on acquisition or disposition of assets of the Company and its subsidiaries in compliance with the laws and requirements of the SET, together with the Control Policy and Governance Mechanisms, in order to ensure that such transactions are justified and of the utmost benefit to the Company;
8. To prepare the Audit Committee's report and disclose it in the Company's Annual Report. Such report must be signed by the Chairman of the Audit Committee and must contain at least the following information as required by the SET:
  - 8.1 Opinion on accuracy, completeness, reliability of the Company's financial reports;
  - 8.2 Opinion on adequacy of the Company's internal control system;
  - 8.3 Opinion on compliance with laws on securities and exchange, regulations of the SET, or laws related to the Company's business;
  - 8.4 Opinion on suitability of the auditor;
  - 8.5 Opinion on transactions which may give rise to conflicts of interest;
  - 8.6 Number of the Audit Committee's meetings, and attendance at such meetings by each Audit Committee Member;
  - 8.7 Opinion or observation received by the Audit Committee from its performance of duties in accordance with its Charter;
  - 8.8 Any other reports which should be known to shareholders and general investors, subject to the scope of duties and responsibilities assigned by the Board of Directors.
9. To perform any other activities as assigned by the Board of Directors and approved by the Audit Committee;
10. In performing duties of the Audit Committee, if the Audit Committee finds or has any doubt that any transaction or action may materially affect the financial position and the operational results of the Company, the Audit Committee must report to the Board of Directors on such

doubt for improvement and remedy within the period of time as the Audit Committee deems appropriate. Types of transactions or actions to be reported are as follows:

- 10.1 Transactions which give rise to conflicts of interest;
- 10.2 Dishonest or unusual incidents or material defects in the internal control system;
- 10.3 Violation of the laws on securities and exchange, requirements of the SET or laws related to the Company's business. Should the Audit Committee report to the Board of Directors on any matter having a material effect upon the financial position, the operational results, and have already discussed such matter with the Board of Directors and the management, which deemed that improvement and remedies must be made, therefore, upon the end of the mutually specified timeframe, should the Audit Committee find that the required remedial action has not been taken without any reasonable grounds, either member of the Audit Committee may report on such found matter to the Office of the Securities and Exchange Commission and/or the Stock Exchange of Thailand.

### Corporate Governance and Risk Management Committee

The Board of Directors appoints three members of the Corporate Governance and Risk Management Committee, comprising one non-executive director, one independent director, and one executive director (Managing Director), with the duty to supervise and monitor that the operations of the Company and its subsidiaries are in line with the managerial strategies of the Company Group, as well as ensuring administration, monitoring and management of risks with efficiency. Members of the Corporate Governance and Risk Management Committee have a term of office for three years according to the term of director office. Upon expiration of the term of office, he/she may be re-appointed by the resolution of the Board of Directors' Meeting. Details of the persons who serve as Chairman of the Corporate Governance and Risk Management Committee and members of the Corporate Governance and Risk Management Committee, together with their attendances at the Corporate Governance and Risk Management Committee's Meetings, appear in the caption of Management Structure - Corporate Governance and Risk Management Committee.

**Scope of powers, duties and responsibilities of the Corporate Governance and Risk Management Committee as specified by the Board of Directors is as follows:**

**Corporate Governance**

1. To establish and propose operational policies and directions in respect of the good corporate governance of the Company, including the Code of Business Conduct, to the Board of Directors for consideration and approval for further compliance at all levels;
2. To supervise and monitor the business operations of the Company and performance of the Board of Directors, the management and personnel of the Company to ensure compliance with Clause 1;
3. To evaluate and review policies, directions, codes of conduct, and best practices or practical guidelines in respect of the good corporate governance of the Company to ensure compliance with the international practices and recommendations of various agencies, as well as to propose the same to the Board of Directors for further consideration and approval;
4. To follow up on movements, tendencies, as well as to compare performance in respect of the good corporate governance of the Company with the practices of other leading companies;
5. To oversee and support performance in compliance with the Corporate Governance Policy to ensure continual effectiveness and appropriateness to the Company's business;
6. To give advice to the Company, the Board of Directors, the management and working groups on the matters relating to the good corporate governance;
7. To regularly report on the corporate governance of the Company to the Board of Directors, and immediately report to the Board of Directors for consideration of any matter materially affecting the Company, as well as to provide opinions on the practices and recommendations for improvement and remedy as appropriate;
8. To disclose information relating to the good corporate governance of the Company to related parties and in the Annual Report, subject to the Board of Directors' prior approval;
9. To appoint any working group as it deems appropriate.

**Risk Management**

1. To establish the Company's risk management policies and framework, as well as to give advice to the Board of Directors and the management on risk management;
2. To consider the annual risk management plans of the

Company and its subsidiaries to rest assured that they have identified risks covering internal and external factors which affect the Company's business operations, as well as to consider measures to deal with risks to stay at the level acceptable to the Company;

3. To oversee and support the risk management to ensure success by concentrating the greater attention to each risk factor for decision-making as appropriate;
4. To consider the Company's material risks in line with the Company's business in terms of investment, finance, security, law, rule and regulation, etc., by suggesting measures to prevent and minimize risks to stay at an acceptable level, as well as to continuously monitor, evaluate and improve the work plans to minimize risks and to suit the business circumstances;
5. To regularly report to the Board of Directors on performance in risk management and operations to minimize risks, and promptly report to the Board of Directors for consideration of any matters materially affecting the Company;
6. To establish a working group as it deems appropriate.

**Sustainable Development**

1. To establish a sustainable development policy and framework of the Company, as well as to give advice to the Board of Directors and the management on sustainable development in accordance with international practices, the Company's action plan, and short-term and long-term strategies;
2. To establish short-term and long-term sustainable development strategies and goals, as well as to consider key business matters (Materiality) in accordance with the sustainable development guidelines of the Stock Exchange of Thailand and international standards;
3. To oversee and support works in respect of sustainable development, as well as encouraging the participation in implementation of various projects within the sustainable development framework with relevant authorities both inside and outside of CKPower Group through operations of the corporate sustainability management and the sustainability working group designated by the management;
4. To regularly report on sustainability performance to the Board of Directors for acknowledgement.

**Nomination and Remuneration Committee**

The Board of Directors appoints three members of the Nomination and Remuneration Committee, comprising two independent directors and one non-executive director, to



perform the duty to nominate candidates qualified to hold the positions of Managing Director and director, and propose remuneration rates for the Managing Director to the Board of Directors' Meeting to consider approving the matter, and also propose remuneration rates for directors to the Board of Directors' Meeting to consider scrutinizing and proposing the matter to the ordinary general meeting of shareholders for consideration and approval. In this regard, members of the Nomination and Remuneration Committee have a term of office for three years according to the term of director office. Upon expiration of the term of office, she/he may be re-appointed by the resolution of the Board of Directors' Meeting. Details of the persons who serve as Chairman of the Nomination and Remuneration Committee and members of the Nomination and Remuneration Committee, together with their attendances at the Nomination and Remuneration Committee's Meetings, appear in the caption of Management Structure - Nomination and Remuneration Committee.

**Scope of powers, duties and responsibilities of the Nomination and Remuneration Committee as specified by the Board of Directors is as follows:**

#### Nomination

1. To consider selecting any persons who have multiple qualifications in terms of professional skills and expertise, irrespective of gender, and also are qualified to hold office as director or subcommittee member, in line with the Company's business strategies, and then

propose such persons to the Board of Directors for further nomination of the same to the shareholders' meeting or to the Board of Directors for consideration and appointment;

2. To consider selecting and proposing the qualified persons to hold office as Managing Director to the Board of Directors for appointment;
3. To establish a working group as it deems appropriate and perform any other matters as assigned by the Company.

The nomination per clauses 1 and 2 above shall be in accordance with the criteria for nomination and appointment of directors and Managing Director.

#### Remuneration

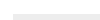
1. To consider laying down criteria for consideration of remuneration, determination of remuneration and review of salaries and other remuneration of directors and subcommittee members in line with the Company's operational results and dividend payments to shareholders, for submission of the same to the shareholders' meeting for consideration;
2. To consider laying down criteria for consideration of remuneration in determination of remuneration and review of salary and other remuneration of Managing Director for submission of the same to the shareholders' meeting for consideration and approval;
3. To establish a working group as it deems appropriate and perform any other matters as assigned by the Company.

## Nomination and Appointment of Directors and Top Management

### Nomination of Directors and Top Management

The Company appoints a Nomination Committee to consider nominating qualified persons to hold the position of director in place of directors who are due to retire by rotation or in any other cases, and to that end, also allows minority shareholders to nominate qualified persons to be selected as a director. In this regard, the Nomination Committee will consider knowledge, abilities, work experience, and

overall structure of the Board of Directors in which field skills directors are lacking, by creating a Board Skill Matrix which helps make the nomination of directors consistent with the business directions and policies, including business strategies of the Company. The assessment of knowledge and expertise in a particular area based on the Board Skill Matrix can be summarized as follows:





Criteria		Number of Directors
Age	35 - 50 years	4
	51 - 60 years	1
	Over 60 years	7
Gender	Male	11
	Female	1
Integrity	Ethics and integrity	12
Knowledge, Abilities and Work Experience	Knowledge in accounting and finance	5
	Knowledge relating to business operation	8
	Knowledge relating to energy business	3
	Knowledge in engineering	8
	Knowledge in management and business administration	4
	Knowledge in marketing and marketing communication	3
	Knowledge and understanding relating to relevant business laws and regulations	4
	Knowledge in economics	3
	Knowledge and understanding relating to corporate governance and sustainable development	5

### Appointment of Directors

The Nomination and Remuneration Committee considers screening qualified persons under the criteria of the Notification of the Capital Market Supervisory Board No. TorChor. 39/2559, by taking into account their qualifications, work experience and non-prohibited characteristics under law, and nominates such persons to the Board of Directors' Meeting for consideration and appointment, or to consider screening and approving such persons for nomination to the shareholders' meeting for consideration and appointment, as the case may be. The appointment of directors to replace the directors retiring by rotation is subject to approval of the shareholders' meeting on an individual basis. The voting criteria under the Articles of Association are as follows:

1. Each shareholder shall have one vote for every one share.
2. Each shareholder may vote to elect one or several persons as directors, but it shall not exceed the number of directors to be elected at that time.
3. In case a shareholder exercises his or her votes to elect more than one person as director, the shareholder may exercise all his or her votes to each such person and may not allot his or her votes to any person in any number.

4. The candidates receiving the highest number of votes in descending order shall be elected as directors to the fill number of directors to be elected at that time. If there is a tie for the last to be elected and this exceeds the said number of directors to be elected at that time, the Chairman of the meeting shall cast the final vote to fill the number of directors to be elected at that time.

In this regard, the Company will submit information on directors who have been considered and approved by the Board of Directors' Meeting to shareholders for consideration, together with the notice of the shareholders' meeting, comprising education backgrounds, work experience, directorships in other companies, including the number of meetings attended by such person as a director.

In case of a vacancy on the Board otherwise than by rotation, the Nomination and Remuneration Committee shall propose any person who is qualified and not subject to any prohibition under the laws to the Board of Directors' Meeting for consideration and appointment by the votes not less than three-fourths of the remaining number of directors. The replacement director shall hold

office only for the remaining term of the director whom he or she replaces.

The Company takes into account the rights, importance and participation of non-strategic shareholders and equitable, transparent and fair treatment towards shareholders. The Board of Directors then allows minority shareholders as strategic shareholders to nominate any candidates for the position of independent director and to propose agenda items for the Company's ordinary general meeting of shareholders via the information system of the SET and the Company's website during October 1 to December 30 each year.

### Appointment of Independent Directors

The Board of Directors' Charter and the Audit Committee's Charter set out that the Board of Directors has the power to appoint directors and members of the Audit Committee properly qualified as independent directors pursuant to the Notification of the Capital Market Supervisory Board No. TorChor. 39/2559 Re: Application for and Approval of Offer for Sale of Newly Issued Shares, including its amendments, together with the Articles of Association regarding the qualifications of directors, for the purpose of appointment of independent directors accounting for at least one-third of all directors, with a minimum of three independent directors. The consideration, selection and appointment of candidates as the Company's independent directors must be conducted based on legal requirements.

In this regard, it is a policy of the Company that the Chairman of the Board of Directors be an independent director, and the Chairman of the Board of Directors and the Managing Director not be the same person. This is to have the absolute clarity between the Corporate Governance Policy making and the day-to-day management, with an aim to counterbalance the power in operations to ensure transparency, auditability based on the good corporate governance.

### Appointment of Managing Director and Top Management

In respect of nomination and appointment of the Managing Director, who is the Company's top management, the Nomination and Remuneration Committee will nominate any qualified director who is not an independent director to the Board of Directors' Meeting for consideration and appointment as Managing Director, and also fix remuneration, based on the remuneration rates of top management in the electricity production and distribution businesses of similar scale. In addition, the Managing Director's performance will be yearly evaluated to support the Board of Directors' consideration and approval of the proposed remuneration for the Managing Director.

The Deputy Managing Directors will be nominated by the Managing Director to the Executive Committee for consideration and appointment, while management at the Assistant Managing Director level downwards is subject to consideration and appointment by the Managing Director.

## Supervision of Operations of Subsidiaries and Associated Companies

To ensure that the Company, as a holding company, has operated its business in compliance with laws and relevant regulations of regulatory bodies and in line with the Principles of Good Corporate Governance of the SET, together with generating appropriate returns on investment to shareholders, the Board of Directors thus imposes policy and regulations regarding rules for supervision and control of the Company's subsidiaries, with the following essence:

### Written Control Policy on Management

The Company sets out the Corporate Governance Policy and the Control Policy and Governance Mechanisms in writing, to supervise and monitor that its subsidiaries' corporate governance is in accordance with the rules

specified by various regulatory bodies in the same manner as the Company does, as a company listed on the SET. To ensure that supervision of its subsidiaries is conducted more practically, the Company then requires its subsidiaries invested in by the Company to set out their own written Subsidiaries' Charters, with its required essence conforming to the Control Policy. The Company's subsidiaries are required to accept and adopt the specified rules as though they are its own articles of association. The essence of such policies is as follows:

#### 1. Representative Directors and/or Management in Subsidiaries in which the Company Invests

The Board of Directors' Meeting will elect persons to hold the positions as directors and/or executives in the

Company's subsidiaries according to the Company's shareholding percentage in each subsidiary. The Company is certain that the aforesaid policies and charters will be instrumental in controlling and directing management of those businesses in which the Company invests as though they are the Company's business units, in accordance with the rules specified in the Notification of the Capital Market Supervisory Board No. TorChor. 39/2559, together with any other related rules. It can be assured that such policies and charters will be a mechanism for comprehensive, transparent and auditable management systems of the subsidiaries and associated companies in order to actually protect the interests in the Company's investments.

## 2. Guidelines for Voting in Shareholders' Meetings

The Company sets out guidelines for voting by the Company's representatives in the shareholders' meetings of its subsidiaries and associated companies to ensure consistency with the policy of the Board of Directors' Meeting of the Company and conformity to the policy of the Company.

## 3. Control and Direction for Management and Investment

The Company requires its subsidiaries and associated companies to notify the Company of execution of material connected transactions and transactions on acquisition or disposition of assets, together with other transactions which are material to its subsidiaries' operations, whereby the subsidiaries' execution of such transactions is subject to the Company's prior approval in order to enable the Company to control and guide its subsidiaries' business directions.

In the event that any of its subsidiaries and associated companies sets out an investment expansion plan or conduct a feasibility study of a new project, the investment plan, schedule, project development, and report on progress and detailed investment plan must be presented to the Company, to enable the Company to assess such project's feasibility, fund utilization plan and closely monitor progress, including potential problems and obstacles which may occur from project development.

## 4. Financial Control

The Company requires its subsidiaries and associated companies to have a duty to submit their respective monthly operational results and quarterly financial

statements reviewed by their certified public accountants, together with documents in support of the preparation of the financial statements of the subsidiaries and associated companies, to the Company. The Company's subsidiaries and associated companies also allow the Company to use such information in support of the preparation of the consolidated financial statements or report on operational results of the Company, including their duty to forecast their operational results and comparative summary between planned and actual operational results on a quarterly basis, and to monitor their operational results to ensure compliance with the plans for reporting to the Company; and to report on any financial issues which are material to the Company upon finding or request by the Company for inspection and reporting purposes.

In this regard, the Company requires its subsidiaries to arrange for auditor rotation in accordance with the requirements of the SEC Office and relevant authorities.

## 5. Compliance with the Principles of Good Corporate Governance

Directors and executives of the subsidiaries must perform the duties with responsibility, due care and integrity, and comply with the laws, objectives, articles of association of the subsidiaries or associated companies as well as resolutions of their respective boards of directors and shareholders' meetings, including the respective boards of directors' charters of the subsidiaries; and have a duty to disclose accurate and complete information regarding its own financial position and operational results, execution of related party transactions, as well as transactions on acquisition and disposition of material assets, to the Company within a reasonable timeframe specified by the Company.

### Detailed Essence of the CG Policy and the Control Policy can be summarized as follows:

#### 1. Control Policy on Management of Subsidiaries and Associated Companies

The Company appoints and sends its persons who have qualifications, roles, duties and responsibilities, and have no any untrustworthy characteristics, who have been considered and appointed by the Board of Directors' Meeting, as the Company's representatives to serve as directors, executives or controllers in

its subsidiaries and associated companies at least according to the Company's shareholding percentage, with the essence as follows:

- 1.1 The scope of power and duties of the respective board of directors of its subsidiaries is in accordance with the respective Subsidiaries' Charters and the Company's Control Policy. Transactions which are deemed material by the Company's representative, namely, consideration of execution of connected transactions; consideration of execution of transactions on acquisition or disposition of assets; and any transactions outside the annual budget or transactions which are not in the ordinary course of business of such subsidiaries and which, once executed, will materially affect the Company's operational results, are subject to written approval or resolution of the Board of Directors or shareholders (as the case may be) prior to the subsidiaries' resolutions approving execution of such transactions. In this regard, any arrangements must be considered under the transaction size as calculated in accordance with the rules specified in the Notifications on Acquisition or Disposition.
- 1.2 The Company's representative must exercise the voting right in the respective shareholders' meetings of its subsidiaries and associated companies on various matters under the assignment and in line with the Company's business operation policy.
- 1.3 In the case of a capital increase which does not maintain the existing shareholding percentages of the shareholders and will result in a decrease in the Company's direct and indirect shareholding ratio in any such subsidiaries, in any tier, by 10 percent of the subsidiary's registered and paid-up capital or which will result in a decrease in the Company's direct and indirect shareholding ratio in any such subsidiaries, in any tier, to be less than 50 percent of the subsidiary's registered and paid-up capital or any other arrangements which will result in a decrease in the Company's direct and indirect shareholding ratio in any such subsidiaries, in any tier, by 10 percent of such subsidiary's registered and paid-up capital or which will result in a decrease in the Company's direct and indirect shareholding ratio in the subsidiary, in any tier, to be less than 50 percent of the subsidiary's registered and paid-up capital; execution of any other transactions which is not in the ordinary course of business of any such subsidiaries or dissolution of any such subsidiaries;

upon calculation of the size of the subsidiary's business to be dissolved in comparison with the size of the Company under the Notifications on Acquisition or Disposition, such transactions must be subject to consideration and approval of the Company's shareholders' meeting.

- 1.4 Directors and executives of the subsidiaries, including their related persons, have a duty to report to the respective boards of directors of the subsidiaries on their relationships and transactions with the subsidiaries in a manner which may give rise to a conflict of interest, and to avoid any transactions which may give rise to a conflict of interest with the subsidiaries. The subsidiaries' respective boards of directors have a duty to report to the Company on such matters.
- 1.5 Directors, executives, staff, employees or any authorized persons of the subsidiaries and associated companies, including their respective spouses and minor children, are prohibited from using inside information of the Company and of its subsidiaries or associated companies, whether available through the performance of duties or by any other means, which has or may have a material adverse effect on the Company, the subsidiaries or associated companies, for personal gain or for the gain of others, whether directly or indirectly, and whether with or without consideration.

## **2. Control Policy on Financial Matters of Subsidiaries and Associated Companies**

To enable the Company to actually control the financial policy of its subsidiaries and associated companies, the Company sets out the mechanism for financial supervision of its subsidiaries and associated companies through the policies and the Subsidiaries' Charters, as follows:

- 2.1 The subsidiaries and associated companies have a duty to submit their monthly reports on operational results and quarterly financial statements reviewed by their certified public accountants, as well as documents in support of the preparation of the financial statements of the subsidiaries and associated companies, to the Company, and will allow the Company to use such information in support of the preparation of the consolidated financial statements or report on operational results of the Company, quarterly or annually, as the case may be.

- 2.2 The subsidiaries and associated companies have a duty to estimate their operational results and comparative summary between planned and actual operational results on a quarterly basis, and monitor their operational results to ensure compliance with the plans for reporting to the Company. The subsidiaries and associated companies have a duty to report on any financial issues which are material to the Company upon finding or request by the Company for inspection and report.
- 2.3 The subsidiaries must report to the Company on the business operation plan, business expansion, large-scale power plants, together with joint investment with other manufacturers through the monthly report on operational results. The Company has the right to have any such subsidiaries explain or

submit documents in support of consideration of any such matter, with which the subsidiary must strictly comply forthwith. The subsidiaries must also submit information or documents related to operations to the Company upon request as appropriate.

#### Remuneration for Auditor for Year 2020

The Company and its subsidiaries engaged EY Office Limited as their auditor for the accounting period of 2020, per the details of remuneration for the auditor as follows:

1. Audit fee was a total of Baht 3,655,000.00, consisting of Baht 1,035,000.00 as remuneration for the auditor of the Company and Baht 2,620,000.00 as remuneration for the auditor of its subsidiaries.
2. Non-audit fee was a total of Baht 981,809.00.

## Compliance with Principles of Good Corporate Governance in Other Matters

### Insider Trading Control

The Company strictly imposes the insider information usage policy under the Principles of Good Corporate Governance, by realizing the significance of and its responsibility for all of its shareholders and stakeholders of the Company on an equitable basis, and also monitors the insider information usage in accordance with the Principles of Good Corporate Governance, as follows:

#### 1. Guidelines for Storage and Disclosure of Insider Information

The Company establishes a level of confidentiality of insider information which must be prevented from being leaked to any third parties based on importance. It is noted that use of insider information by the Company's personnel must fall within the scope of authorized functions and responsibilities only. As for any information related to third parties or other stakeholders, consent of the third parties or other stakeholders must be obtained prior to its disclosure to the public.

The Company's information disclosure policy is in accordance with the guidelines on information disclosure of listed companies as publicized by the SET, provided that such information is necessary and clear enough to support decision-making of shareholders and general investors.

In this regard, the Company sets up central units to provide information to the public, i.e., investor relations, and the Company defines information leakage as one of the Company's risk factors, which is incorporated in the Company's risk management plan. In this aspect, the Company imposes strict measures to effectively prevent information leakage.

#### 2. Guidelines for Insider Trading Control

The Company imposes a measure requiring its directors and executives, including their related persons, to promptly report to the SEC Office on their respective holdings of securities, every time of his/her purchase, sale, transfer of the securities, to ensure due and complete compliance with the rules and procedures of information disclosure of listed companies. The Company also establishes a policy notifying its directors and executives of the silent period on trading of the Company's securities at least one month prior to each disclosure of its financial statements to the public. This is to prevent insider trading, and ensure equal treatment of all stakeholders.

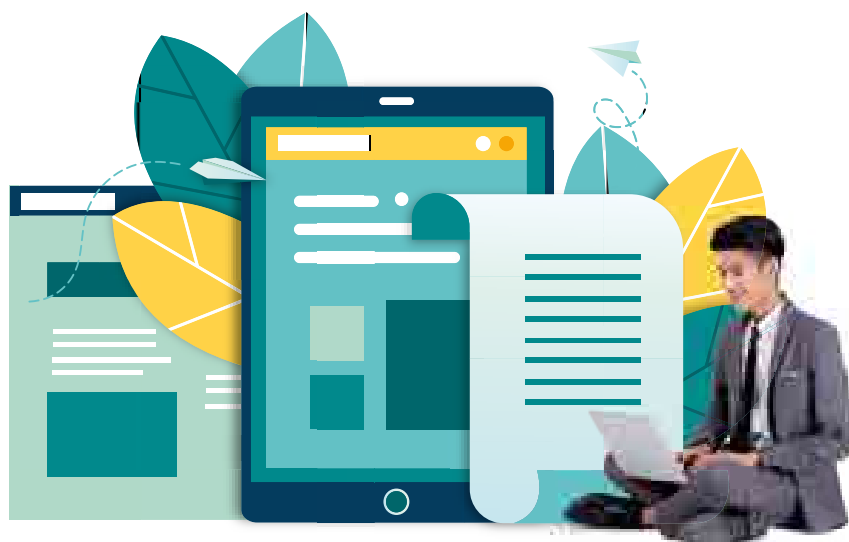
In this connection, the Company will email notifying its directors and executives to refrain from trading the Company's securities one month prior to disclosure of the financial statements and one day after disclosure of the financial statements every quarter, to ensure that such notices are conveniently and rapidly accessible to each director and executive.

The Company has complied with confidentiality and insider information control measures and information and information technology security measures formulated in the Code of Business Conduct, together with the information technology policy, to achieve consistency with the Principles of Good Corporate Governance.

### Report on Securities Holdings of Directors and Executives

The Company requires its directors and executives to report to the Company on their respective holdings of securities, including those of their respective spouses and minor children, and legal entities in which such directors and executives hold more than 30 percent of their respective

shares, every time of his/her purchase, sale, transfer of the Company's securities, to ensure accurate information disclosure to the SET pursuant to Section 59 of the Securities and Exchange Act B.E. 2535 (1992), and its amendments, together with the Notification of the Office of the Securities and Exchange Commission No. SorChor. 12/2552 Re: Preparation and Disclosure of Report on Securities Holding of Director, Executive and Auditor. In 2020, the Company's directors and executives reported to the Company on their respective holdings of securities in the Company, including on changes in such securities holdings, in due compliance with the rules, as well as regularly reported on their respective holdings of securities and changes in their holdings of securities to the Board of Directors' Meeting every quarter. Over the past years, from the Company's status as a listed company on the SET, the respective holdings of securities in the Company and changes in such securities holdings of its directors and/or executives, including their respective spouses and minor children, and legal entities in which they hold more than 30 percent of their respective shares, were as follows:



Name	Position	Holding of Securities Status	Amount of Shares at the Beginning of the Year (shares)	Amount of Shares at the End of the Year (shares)	Shareholding Percentage in the Company (Percent)
Dr. Thanong Bidaya	Chairman of the Board of Directors Independent Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Mr. Plew Trivisvavet	Chairman of the Executive Committee	Purchase	-	3,000,000	0.037
(His spouse and minor children)		Purchase	2,000,000	2,000,000	0.025
Dr. Jon Wongswan	Chairman of the Audit Committee Independent Director	Purchase	-	400,000	0.004
(His spouse and minor children)		-	-	-	-
Mr. Narong Sangsuriya	Chairman of the Corporate Governance and Risk Management Committee	-	-	-	-
(His spouse and minor children)		-	-	-	-
Dr. Vicharn Aramvareekul	Chairman of the Nomination and Remuneration Committee Independent Director	Purchase/ Capital Increase under the proportion	2,680	2,680	0.0000
(His spouse and minor children)		-	-	-	-
Mr. Chaiwat Utaiwan	Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Dr. Patarut Dardarananda	Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Mr. Prasert Marittanaporn	Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Mr. David Van Dau <sup>1</sup>	Director	-	-	-	-
(Legal entity in which he held more than 30 percent of its shares)		Sale	214,824,730 <sub>1</sub>	201,039,300	2.473
Dr. Supamas Trivisvavet	Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Mr. Vorapote Uchoepaiboonvong	Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Mr. Thanawat Trivisvavet	Director and Managing Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Mr. Michael Eric Raeder	Director and Managing Director	Purchase	125,000	170,000	0.002
(His spouse and minor children)		-	-	-	-
Mrs. Muntana Auekitkarjorn	Director and Managing Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Miss Parichat Othayakul	Assistant Managing Director	-	-	-	-
Miss Rujira Chuaybamrung	Assistant Managing Director	-	-	-	-
Mr. Thitipat Nananukool	Assistant Managing Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Mr. Jessadin Suwanbubpa	Assistant Managing Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Mr. Rajesh Razdan	Assistant Managing Director	-	-	-	-
(His spouse and minor children)		-	-	-	-
Miss Penpeeraya Kwampien	Assistant Managing Director	-	-	-	-

Remark: <sup>1</sup> His holding of securities as at the date of taking office as director on March 1, 2020.

### Corruption or Ethical Offence

In 2020, none of the directors or executives committed any corruption or ethical offence, and none of the directors resigned due to corruption or non-compliance with the Principles of Good Corporate Governance. The Company has provided the summary report on violation of the Code of Business Conduct to the subcommittees and the Board of Directors to pursue guidelines for prevention of any repeated violation.

In 2020, the Company completely disclosed information in Form 56-1, along with publicly available documents in accordance with the Principles of Good Corporate Governance of the SET (CG Principle). The Board of Directors was considering and reviewing the Company's policies, action plans, missions, visions and strategies of the Company and its subsidiaries to ensure compliance with laws, requirements of the SEC Office and relevant authorities, including consistency with the CG Code under the guidelines of the SEC Office.

Nevertheless, the Board of Directors adapted the CG Code to ensure conformity to the Company's operations by drawing up plans for development and improvement of relevant policies. The Board of Directors' Meeting No. 7/2020 considered approving review of the respective Charters of the Board of Directors, the Audit Committee, the Nomination and Remuneration Committee, and the Corporate Governance and Risk Management Committee, and the Executive Committee, which were required to be regularly reviewed at least once a year to achieve consistency with the Company's business direction.

Moreover, the Board of Directors' Meeting No. 7/2020 considered approving the Company's codes of conduct in relation to corporate governance, comprising the Code of Conduct for Directors, the Code of Conduct for Executives and Staff. Furthermore, the Company has planned to draw up and/or review the Company's codes of conduct and policies in relation to corporate governance to rest assured that the Company and its affiliated companies have operated the respective businesses with commitment to adhering to ethics, social and environmental responsibility, non-infringement of stakeholders' rights, to guide all sectors in the Company on how to sustainably achieve the objectives and goals. In this regard, such codes of conduct have been made available on the Company's website.

Based on the foregoing, the Company mostly complied with the Corporate Governance Code for Listed Companies 2017, except in the following matters:

1. Specifying that the term of office as an independent director shall not exceed nine years;
2. Specifying that the proportion of independent directors shall exceed 50 percent.

This was because the Company was certain that the Board of Directors of the Company were qualified, knowledgeable, competent, not to mention the long experience of the directors in holding their positions, which would help deepen their understanding of the Company's business operations, thereby constituting their useful advice to the business operations to ensure greater efficiency.





# CORPORATE SOCIAL RESPONSIBILITY

Throughout the past years, CK Power Public Company Limited and its affiliated companies have operated the respective businesses by striving to create a balance between the efficient operations based on corporate governance, environmental conservation, and strengthening the sustainable relationships with communities surrounding the power plants. Therefore, the Corporate Social Responsibility (CSR) activities of the Company and its affiliated companies have been undertaken in pursuit of sustainability, covering all 3 dimensions, namely, Environment, Social, Governance (ESG), with our commitment to contributing to environmental conservation while minimizing environmental impacts from the Company's operations, including the optimum use of resources, in parallel with development of the society and communities nearby to achieve sustainable co-existence. Moreover, we have supported the United Nations Sustainable Development Goals (UNSDGs) in aspects relevant to the Company's business operations, namely:



## Goal 3: Good Health and Well-Being

The Company and its affiliated companies are committed to supporting the communities surrounding the power plants, in which the Company and its affiliated companies have invested, to have good health and well-being.

## Goal 4: Quality Education

The Company and its affiliated companies are committed to ensuring inclusive and equitable quality education and promote lifelong learning opportunities for all.

## Goal 7: Affordable and Clean Energy

The Company and its affiliated companies are committed to promoting clean energy which is sustainably affordable for all and reliable, modern, and environmentally friendly.

## Goal 8: Decent Work and Economic Growth

The Company and its affiliated companies continue to play a part in promoting economic growth which is comprehensive and sustainable, as well as creating equal opportunity employment, for both males and females, including local labor which is valuable to every society in which the Companies and its affiliated have invested.

## Goal 9: Industry, Innovation and Infrastructure

The Company and its affiliated companies support resilient infrastructure, promote the comprehensive and sustainable industrial development, and foster innovation.

## Goal 11: Sustainable Cities and Communities

The Company and its affiliated companies have taken a stand on helping make cities and settlements inclusive, safe, and ready for sustainable change and development.

## Goal 12: Ensure Sustainable Consumption and Production Patterns

The Company and its affiliated companies are committed to ensuring sustainable production and consumption plans, by emphasizing creation of active engagement.

In this connection, the sustainability management policy has been then established for the Company and its affiliated companies, The following is the framework for the Sustainability Management Policy:

1. Comply with relevant laws and requirements of the countries in which the operations are carried out and observe international practices.

2. Ensure the corporate governance with efficiency, accuracy, transparency, and adhere to a code of ethics by mainly taking stakeholders into account.
3. Realize the economic, social and environmental balance maintenance, including stakeholders of all sectors, in carrying out operations for the purpose of sustainable business growth.
4. Raise stakeholders' awareness as to the sustainability management policy of CKPower Group, as well as supporting the adaptation of the sustainable practical guidelines to minimize impacts as a result of the operations throughout the Value Chain.
5. Regularly employ the modern, efficient, eco-friendly innovations and technologies in carrying out operations in the pursuit of the economic, social and environmental sustainability.
6. Adhere to the Good Corporate Citizenship with conscious awareness of social and environmental responsibility by using the specialized expertise in clean energy business of CKPower Group for contributing to improvement of the quality of life in communities in the pursuit of sustainability as a whole.

In this regard, it is the duty of all directors, executives and staff of CKPower Group to support, uphold, and observe the established sustainability management policy and framework.

### Goal 13: Climate Action

The Company and its affiliated companies are committed to taking urgent actions to combat climate change and its impacts.

### Goal 17: Partnerships for the Goals

The Company and its affiliated companies are committed to strengthening the means of implementation and revitalizing the global partnerships in pursuit of sustainable development.

Furthermore, in 2020, the corporate sustainability management work unit continued to undertake and publicize the CSR and sustainability activities internally to all staff and externally to the public, with the objective of the organization's sustainability management divided into 3 main areas, as follows:



In addition, the Company has established the CKPower Sustainability Working Team, consisting of internal experts who have qualifications in various fields. This working team is responsible for taking actions in furtherance of the strategies, operating guidelines, key performance indicators, action plans, tools for sustainability, and operational support guidelines, including inspection and monitoring of the operations, provision of advice on how to comply with international standards, together with report on its performance to ensure that the sustainability-related operations have been integrated with the business operations of the Company and its associated companies. This includes the continual development and clear communication. This working team is required to hold a meeting once a quarter, together with regularly reporting on its performance to the Managing Director, the Corporate Governance and Risk Management Committee, and the Board of Directors for acknowledgement, along with information disclosure

via the Annual Report and the Sustainability Report, so as to ensure transparency and fairness in supervision of business management based on corporate governance, which covers the following: Good corporate governance, Risk management and Disclosure and reporting



This is our **Communication on Progress** in implementing the principles of the **United Nations Global Compact** and supporting broader UN goals.

We welcome feedback on its contents.

Moreover, in 2020, the Company joined the United Nations Global Compact or UNGC, representing the United Nations Sustainable Development Cooperation Framework, with its firm commitment of engaging in the business operations based on 10 international principles.

## Significant Sustainability Issues and Framework

### 1. Environmental Sustainability Management and Performance in 2020

With the visions and missions, the Company is committed to being a leader in the electricity production business both in Thailand and the ASEAN region through strategies and policies on investment in the business of production and distribution of electricity from various types of clean energy in order to bring the energy stability and security to Thailand and the ASEAN region. All projects invested in by the Company, apart from investment in a renewable energy business which is environmentally friendly, are power plants with the social and environmental care and responsibility in an efficient manner, due to the fact that the Company focuses on investing in clean electricity, renewable energy projects with commitment to producing minimal pollution, as well as the effective and optimum use of resources in the production process, for example, investment in hydroelectric power plants, solar power plants, and cogeneration power plants, etc. The Company also invests in and chooses to use modern, standard and eco-friendly technologies, to create a balance between business and environmental protection in accordance with international sustainable development guidelines, as well as supervising and ensuring that all the Company's power plants have strictly complied with various environmental



laws and regulations, including ISO standards, while rehabilitating the environment to achieve the balance and growth of the communities in parallel to the sustainable existence of the environment. Moreover, the Company gives priority to responsibility for safety, occupational health and environment; it therefore formulated measures to prevent various hazards that may occur in both the power plant areas and their surrounding areas, whereby the respective policies on safety and occupational health have been established for all power plants. In addition, the Company arranges for its staff to attend training courses regarding such matters on a regular basis, and also applies the management systems in accordance with international standards such as ISO 9001: 2015, ISO 14001: 2015 and ISO 45001: 2018 to management in respect of both the electricity production process and the maintenance process in order to increase the efficiency in the business operations. In 2020, the Company received no report on accident or situation which had an adverse impact on communities and/or the environment surrounding the power plants.

The Company and its affiliated companies have undertaken operations and activities with a view to the environmental sustainability, which can be summarized as follows:

## CK Power Public Company Limited

The Company made and provided uniforms for staff in CKPower Group, by applying the so-called “Cool Mode” world conservation fabric innovation by the Thailand Greenhouse Gas Management Organization in association with the Textile Industry Development Institute, whereby such Cool Mode fabric could serve the purposes of “Responsible Production & Consumption” and “Climate Action” striving to minimize greenhouse gas emissions. Furthermore, the Company was awarded a certificate by the Thailand Greenhouse Gas Management Organization, in its capacity as an organization with the commitment to minimizing global warming by way of production and use of Cool Mode clothes.



## Xayaburi Power Company Limited

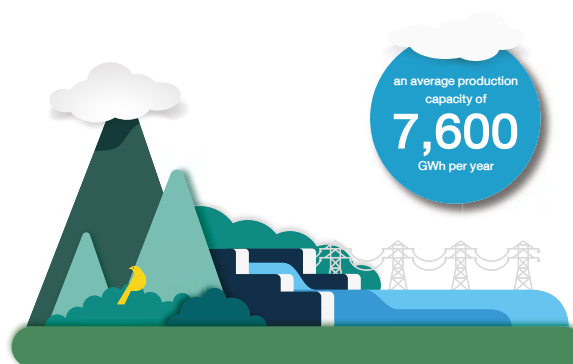


### The Natural-Powered Xayaburi Hydroelectric Power Plant

The “Xayaburi Hydroelectric Power Plant” under the management of CK Power Public Company Limited, a shareholder of Xayaburi Power Company Limited (XPCL), is the first large-scale hydroelectric power plant on the lower Mekong River and is the largest hydroelectric power plant in the Lao PDR, which had been incorporated in the Lao PDR's Energy Industry Development Strategic Plan from 2016 to 2020, not to mention the fact that it is also the first power plant on which studies were conducted in accordance with the Master Plan of the Mekong River Commission (MRC), by the lower Mekong countries including, Thailand, the Lao PDR, Cambodia and Vietnam, subject to mutual agreements and aims of achieving the sustainability in participatory watershed management including utilization, with intensive studies on the master plans for various projects in the Mekong basin and its tributaries conforming to the framework and methodology established by the MRC, in order to avoid cross-border impacts on the member countries, with the details covering the environmental impact assessment and design guidelines of the power plants on the mainstream Mekong River.

Over 75 percent of electricity utilized in Thailand have been produced from combustion of fuels in the category of exhaustible resources, on the other hand, hydroelectricity,

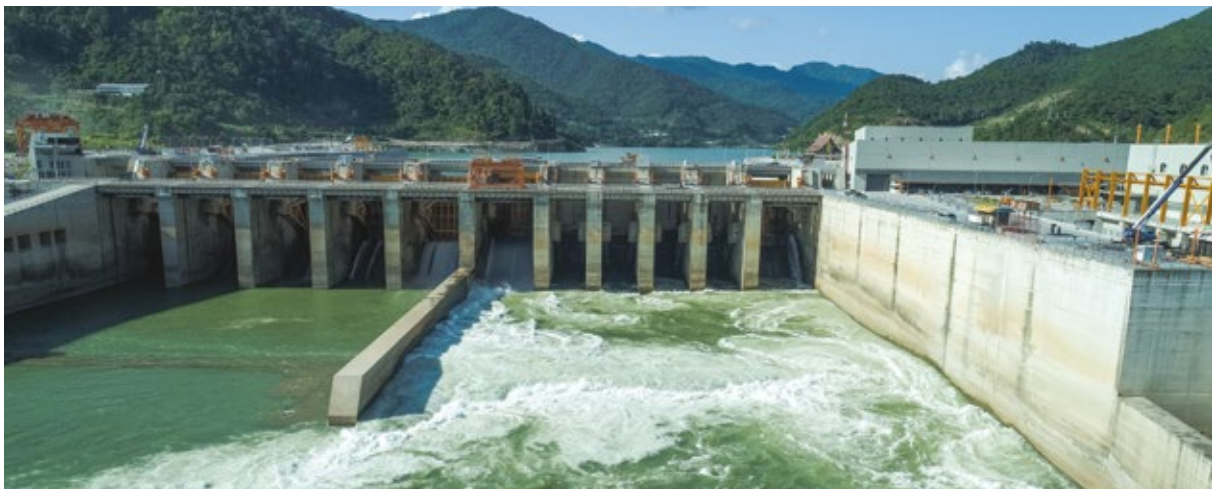
such as, the Xayaburi Hydroelectric Power Plant, is renewable energy without any use of fuel, which merely depends on difference in water level and water flow, therefore, no heat is generated in the electricity production process, and thereupon, greenhouse gases can be reduced by approximately 0.5 kilograms per unit of electricity (kWh). In comparison, the Xayaburi Hydroelectric Power Plant, with an average production capacity of 7,600 GWh per year, is capable of reducing an emission of Carbon Dioxide (CO<sub>2</sub>) by up to 3.8 million tons per year, equivalent to an absorption of CO<sub>2</sub> by forest by approximately 2.1 million rai every year of the hydroelectric production from the Xayaburi Project (reference sources: Huachiew Chalermprakiet Science and Technology Journal and PTT Reforest Station).







The Xayaburi Hydroelectric Power Plant achieved its commercial operations on October 29, 2019, with its installed capacity of 1,285 MW, the Run-of-River power plant, which is regarded as the prototype of sustainability in all aspects for other power plants in the Mekong basin, for the reasons that its engineering design and quality control were conducted by the international experts; well through consideration by the MRC of its conformity to the guidelines for the mainstream Mekong hydropower project development; went through the Procedures for Notification, Prior Consultation and Agreement; along with the public hearings in the member countries in accordance with the 1995 Mekong Agreement to collect feedbacks; received consideration as to its appropriateness from the world-class experts delegated by the Government of the Lao PDR, not to mention the fact that it has successfully passed the peer review by the experts from the Lao PDR.

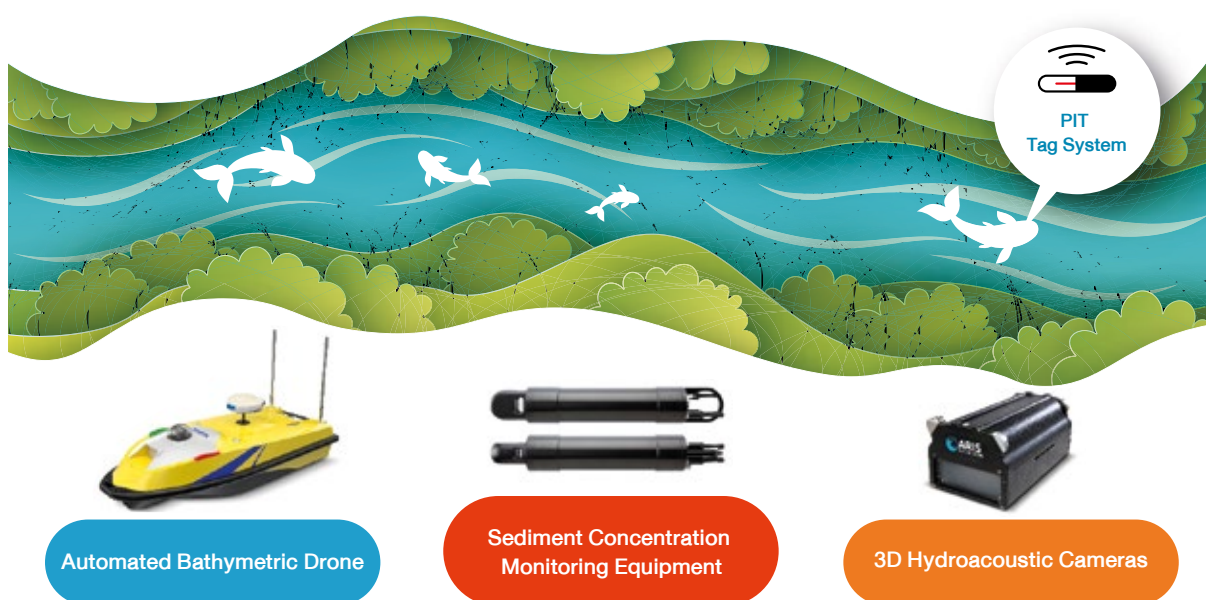


Moreover, the Xayaburi Hydroelectric Power Plant remains committed to conducting environmental studies and development on a continuous basis, whether it be sediment management to ensure that large and small sediments in the Mekong River can easily pass through the electricity generating turbines to the downstream; conducting particular studies with the aim of Mekong fish resource conservation; design of the Multi-System Fish Passing Facilities for both downstream and upstream migrations of all fish species in the Mekong River, the Attraction Flow system operated by the combination between natural water flow and water pumps; conducting studies and monitoring of fish migrations by using the 3D Hydroacoustic Cameras,

DIDSON and ARIS and fish sampling at the fish monitoring stations; and conducting fish efficiency studies and evaluation in collaboration with Charles Sturt University and the Australian Centre for International Agricultural Research, the Living Aquatic Resources Research Center (LARReC) of the Lao PDR, the Lao's National Agriculture and Forestry Research Institute (NAFRI), and the National University of Lao (NUOL), by implanting microchips into fish (Passive Integrated Transponder: PIT Tag System) to monitor movement and migration behaviors of fish in the area of the power plant, by which more than 80 species of fish are found to be able to safely migrate upstream.

Not only that, but the principles of international engineering were also applied to design of the Navigation Lock to help facilitate the transportation, shipping, and tourism, by both large and small vessels, to be made conveniently, safely and efficiently all year round. Furthermore, the world-class technology introduced in 2021 was employed, such as, an Automated Bathymetric Drone, by which sound wave reflection was used to detect the depth of the water area in front of the power plant to monitor changes in the water

area; and a Sediment Concentration Monitoring Equipment, which was permanently installed in the front and rear areas of the power plant, to ensure continual data collection and study. In the context of safety, the Xayaburi Hydroelectric Power Plant was designed and constructed in accordance with the highest earthquake-resistant plant safety standards (Plant Safety) established by the International Commission on Large Dam (ICOLD).



As for the operations from the phases of pre-construction, construction, post-construction until after the official commercial operation, the Company's environmental engineering team has continued to follow up information on the Mekong River, and the Company has injected budgets to focus on environmental education and development in respect of both upstream and downstream of the power plant, for comparison of sediment drainage on a continuous basis, to rest assured that the Xayaburi Hydroelectric Power Plant gives priority to sustainable electricity production, with the least possible environmental impact.



## 2. Social Sustainability Management and Performance in 2020

The Company has always contributed to development of communities and society over the past years and with awareness of its role as part of Thai business sector, the Company has then engaged in the sustainable business committed to social responsibility while striving to carry out the organization development to achieve greater stability and sustainable growth, in order to be a part in moving our country forward. The Company considers not only the benefits to be derived by the society through the Company's business operations, but also provision of continued support to social contribution activities, especially activities for the communities adjacent to the power plants invested in by the Company in order to ensure development of the nearby

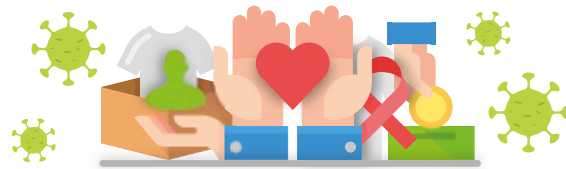
communities and raise staff's awareness of engagement in social responsibility and public consciousness.

To further strengthen relationships with the communities surrounding the power plants, in 2020, the Company then organized various activities to build a sustainable relationship, improve the quality of life for villagers living around the affiliated power plants. The Company also undertook other activities based on Good Corporate Citizenship with conscience of social and environmental responsibility by using the expertise in clean energy business of CKPower Group to contribute to improving the quality of life for the communities in the pursuit of sustainability as a whole, through a variety of activities and projects, as follows:

### CK Power Public Company Limited and its Affiliated Companies

#### Social Contribution Activities in the COVID-19 Situation

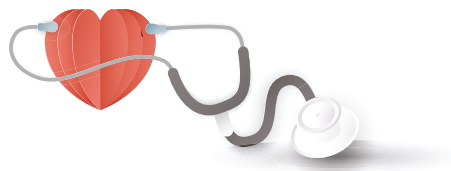
The Company considered it important and necessary to help contain the spread of Coronavirus Disease 2019 (COVID-19) as soonest as possible, with the Company offering encouragement to all the front-line public health officials, physicians, nurses in both Thailand and the Lao PDR, the Company then provided full cooperation and support to both the government and government agencies, in order to get through this crisis together, including:



- The Company granted Baht 2,000,000 to the "Chaipattana Covid-19 Aid Fund (and Other Pandemics)" in aid of hospitals and medical personnel, including purchasing of materials, equipment and necessities for treating the COVID-19 patients.







- The Company donated Baht 1,000,000 to the Ramathibodi Foundation for coping with and containing the spread of the Coronavirus Disease 2019 (COVID-19), together with 3,000 free-meal boxes for teams of physicians and nurses of Ramathibodi Chakri Naruebodindra Hospital.



- In the Lao PDR, the Company granted Baht 1,000,000 to the Ministry of Public Health of the Lao PDR through the Royal Thai Embassy in Vientiane, in the Company Group's goodwill and concern towards the Government of the Lao PDR, to support the containment of the spread of Coronavirus Disease 2019 (COVID-19).



- The Company granted 400 survival bags, containing medicine, cloth face masks, consumables necessary for daily living, under the "Endless Power of Heart" activity, to the Khok Thai Subdistrict Administrative Organization (Khok Thai SAO), Nakhon Ratchasima Province, for further donation to approximately 1,000 persons who had no income, including the elderly, the disabled living adjacent to the Bangkhenchai Solar Power Plant currently managed by the Company.





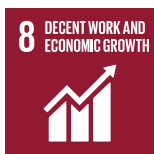
- CK Power Public Company Limited, in collaboration with Indorama Ventures Public Company Limited (IVL), a world-class leading chemical company, launched the “Separate Bottles Help Doctors” activity, under which staff within the CKPower Group were encouraged to jointly donate used PET bottles which were then transformed into recycled fibers for producing PPE suits for medical personnel, whereby such used PET bottles were contributed to hospitals in various areas in Thailand, for the purpose of protection of medical personnel on duty to cope with the COVID-19 outbreak. There was a total of 73 kilograms of donated PET bottles which could be used for production of up to 190 PPE suits.



### Flood Relief Activities in Tambon Khok Thai, Amphoe Pak Thong Chai, Nakhon Ratchasima Province

The management and staff of the Company and its affiliated companies went to the affected area to donate 500 flood kits to villagers in Tambon Khok Thai, Amphoe Pak Thong Chai, Nakhon Ratchasima Province, adjacent to the Bangkhenchai Solar Power Plant, which had been affected by flooding, together with blankets to help them cope with the cold weather.





### “Bottles...in Exchange of...Happiness” Campaign

The Company granted a total of 18,700 PET bottles, which were collected by staff in the CKPower Group through the “Bottles ... in Exchange of ... Happiness” campaign, to Chak Daeng Temple, Samut Prakan Province, a comprehensive community waste management center for study and learning of waste management, including development of production channels of added-value goods from recycling, weighing 348 kilograms, to be brought into the recycling process to produce a total of 1,390 sets of the triple robe. This campaign helped generate income, create a career for villagers in the community, and also supported waste separation and recycling process to create value added to waste and bring its maximum benefit in order to mitigate environmental problems in the future.



### Computer Support Project for Education of Monks and Novices

CK Power Public Company Limited, in association with its affiliated companies, donated computer equipment to Wachiramakut School (Ordinary Education), WAT Makut Kasat Ri Ya Ram, the first Phra Pariyatti Dhamma General Education School of Thailand, for educational development in respect of technological skills so that the foundation for education of monks and novices was laid, with the aim of building Buddhist personnel who would be knowledgeable and competent to keep pace with the world's ongoing rapid evolution of technologies in a manner which the religious principles would be intelligently applied to enlightening people.





## Xayaburi Power Company Limited



### Elimination of Aedes Aegypti, Dengue Fever Campaign: Huen Kiang Hong Xayaburi Power

CK Power Public Company Limited and Xayaburi Power Company Limited realized the significance of good hygiene while concerning about the disease outbreaks, and to take care of the communities surrounding the power plant, then organized the “Elimination of Aedes Aegypti, Dengue Fever Campaign: Huen Kiang Hong Xayaburi Power” campaign in collaboration with Mueang Nan Public Health and Ban Noen Sawang Sanatorium, Luang Prabang Province, to spray repellent to eliminate Aedes Aegypti, as well as educating the local residents in precautions, prevention against Aedes Aegypti, to enable them to practically apply the knowledge so gained in real circumstances, and to reduce the morbidity and mortality rates from dengue fever among the local residents.

The activities were undertaken from October 26 to November 12, 2020.

In summary, the results after the said activities were found that the number of dengue fever patients and the mortality rate from dengue fever declined to 0, with the Aedes Aegypti larval index decreasing from 6.9 percent to 2.5 percent, and there were 200 residents participating in the activities to gain knowledge on prevention and severity of dengue fever.



## Nam Ngum 2 Power Company Limited

**3** GOOD HEALTH  
AND WELL-BEING



**7** AFFORDABLE AND  
CLEAN ENERGY



**11** SUSTAINABLE CITIES  
AND COMMUNITIES



### Groundwater Well Drilling for Community Project

The Company supported the drilling of groundwater wells for communities to alleviate the shortage of water for villagers' consumption and agricultural use during the dry season, at a total of three locations, namely, at Ban Muang Soum Elementary School, Xaysomboun Province, at Ban Nam Phao Junior High School, and at Ban Nam Phao Temple, Vientiane Province, the Lao PDR, including renovation of the Office of Public Security Construction in

Ban Phon Pha, regarded as the community police station of the residents, and continued to undertake the social contribution activities for the communities surrounding the power plant to promote educational development and expand educational opportunities, and to that end, the Company's engineers were deployed to conduct a site survey at Hin Hua Suea Kindergarten School and draw up plans for improvement of the school buildings, toilets and drinking water system for Hin Hua Suea Kindergarten School in Xaysomboun Province, only 25 kilometers nearby the power plant. These were to the satisfaction of the communities and school and the construction was expected to be completed by mid-2021.



### Road Repair for Ban Phon Pha Project: Nam Ngum 2 Hydroelectric Power Plant

The Company organized a road repair for Ban Phon Pha project: Nam Ngum 2 Hydroelectric Power Plant by repairing the damaged main road of the community, while performing community service, in association with the local residents, by collecting garbage on both sides of the road and cut grass along the way for the total distance of approximately 25 kilometers, in order to provide the community a beautiful scenery and to ensure that they realized and prioritized the cleanliness of the country and conservation of natural resources in their own settlements.

**3** GOOD HEALTH  
AND WELL-BEING



**7** AFFORDABLE AND  
CLEAN ENERGY



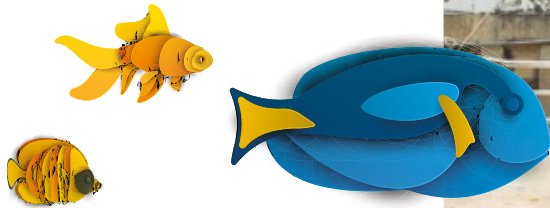
**11** SUSTAINABLE CITIES  
AND COMMUNITIES



## Bangpa-in Cogeneration Limited

### Happy Fish Activity

Bangpa-in Cogeneration Limited, in conjunction with Bang Pa-in Industrial Estate and TTW Public Company Limited, undertook a happy fish activity to conserve and restore aquatic animal resources with a view to ensuring sustainable use, and also granted scholarships, sports equipment, together with free lunches, to students of Wat Chumpon Nikayaram School, Phra Nakhon Si Ayutthaya Province, to support education, lay the foundation for building decent youths of the nation, and to encourage and create good educational opportunities in the future for youths, as well as to take care of the communities surrounding the power plant.



## CK Power Public Company Limited



### Hing Hoi Project Year 5

The “Hing Hoi Project” had been organized for five consecutive years, a social contribution activity, by CK Power Public Company Limited and its affiliated companies, with its aim of helping support and sustainably solve the problem of scarcities in remote communities and communities surrounding the power plants invested in by the CKPower Group, both in Thailand and the Lao PDR, where the power plants are located. In 2020, the activities under the concept “Sustainable Development of Communities Adjacent to Power Plants” were undertaken.

Given the Bangpa-in Cogeneration Power Plant’s plan on development of adjacent communities at all nine sub-districts on a yearly basis to help the communities and foster relationships with them, this was good opportunity for the Company, in collaboration with Bangpa-in Cogeneration Limited and its affiliated companies, to be part in providing support in various aspects to

Wat Kudi Prasit School, Tambon Lam Sai, Amphoe Wang Noi, Phra Nakhon Si Ayutthaya Province, located nearby within a 5-kilometer radius of the Bangpa-in Cogeneration Power Plant, to promote and develop education and increase educational opportunities for such school’s students. Such activities included landscaping the garden, the flagpole, and the playground; landscaping the Science Park to promote integrated education and learning through activities; pouring concrete foundation for the young children’s playground in place of the worn-down original one; painting the playground to foster child development; painting two school buildings; renovating and improving terraces and hallways; repurposing an old pavilion into a multi-purpose pavilion as space for reading, as well as providing English skill development books for elementary school students, together with scholarships, including sports clothing and equipment to students.



Moreover, the management and staff jointly provided five sets of kindergarten kid's tables and chairs made with newspapers from the "Hing Hoi Project", in which staff were brought to take part in a Paper Marche activity to make such tables and chairs from old newspaper for kids to ensure their access to facilities and support recycling activities. They were completed and were already distributed to the school on December 18, 2020.

The CSR activities undertaken in 2020 were similar to those in the previous years in that the Company's volunteer staff who had knowledge and expertise in various fields helped out to participate in undertaking the sustainable CSR activities, but what set this year apart from other years was that this year, the application of the "CAWTA" outward

design thinking approach, which integrated the Company's five core values, into the CSR activities, namely, COACHING AND LEARNING through mentorship, ACCOUNTABILITY to doing the best of one's ability and taking ownership of results, WORK ETHICS that put "right" before "right now", TEAMWORK that is more than the sum of its parts, and dynamic, ever-evolving ADAPTABILITY. This began with the collaborative effort to design landscaping, during which all participants were encouraged to fully think outside the box in order to create and innovate the CSR activities of their dreams, and during the activities, all staff also applied the Company's core values in order to successfully carry out the activities, with the same goal in mind, resulting in a collaborative spirit which constituted the perfect achievement of the set goals.



### Responsibilities for Consumers

The Company's main customers are the Electricity Generating Authority of Thailand (EGAT), the Provincial Electricity Authority (PEA), Electricite du Lao, and the Company's indirect customer is the people sector, therefore, the Company and its associated companies have primarily realized the significance of responsibilities for consumers and stakeholders of all sectors, by strictly complying with the terms specified in the Power Purchase Agreements and carrying out management of the power plants to achieve the

highest efficiency to ensure that the electricity can be supplied under the agreements. The Xayaburi Hydroelectric Power Plant was completed and officially commenced its commercial operations. The Company successfully passed the test of electricity supply to the EGAT's system with stringent standards, both the Individual Test and the Joint Test, to make sure that the Xayaburi Hydroelectric Power Plant can function as a main power plant with high stability to satisfy the country's electricity demand during normal periods and daily peaking periods, as well as functioning in an

emergency due to a failure in a large power plant nearby. In this regard, EGAT issued the Power Plant Operation Readiness Certificate to the Company before the Commercial Operation Date (COD) from October 29, 2019. In addition, the construction of the Xayaburi Hydroelectric Power Plant was completed on schedule. And most importantly, as a result of the previous earthquake in the Lao PDR, the strength and safety (Dam Safety) of the structures of the power plants within the CKPower Group when the earthquake struck could be well proven, as the structures and all equipment of the Nam Ngum 2 Hydroelectric Power Plant and the Xayaburi Hydroelectric Power Plant were neither affected nor damaged. In other words, they remained able to uninterruptedly produce and distribute electricity to the EGAT and Electricite du Lao under the respective agreements as normal.

### Customer Satisfaction Survey Evaluations

#### Bangpa-in Cogeneration Power Plant

The Company normally conducts the customer satisfaction surveys twice a year, i.e., from January to June and from July to December. Based on the evaluation with a total of 12 customers; in the first customer satisfaction survey evaluation, the Company received the average scores of 97.55 out of 100, fulfilled all the customers' evaluation criteria; and in the second customer satisfaction survey evaluation, the Company received the average scores of 99.46, as such, the Company was able to fulfill both evaluation criteria for all customers.

#### Nam Ngum 2 Hydroelectric Power Plant

The Company normally arranges for a customer satisfaction survey evaluation based on the 4-dimensional evaluation criteria, namely, quality, communication, personnel, and image of the power plant. In 2020, the Company's score summary was at 100 percent, which was extremely satisfying, and no recommendation was given for this evaluation and questionnaire.

### Respect for Human Rights

The Company and its affiliated companies have carried out the business operations by taking into account the principles of human rights and civil rights of stakeholders of all sectors as stipulated by the Constitution and laws, and have obeyed local laws, culture, custom, tradition and values, with our commitment to the principles of international human rights organizations. The Board of Directors, management and all staff of the Company and its affiliated companies have also realized the significance and

respected the human rights in all respects, together with societies and communities, in accordance with laws of each country without discrimination. In respect of employment, the Company in no way prevents the employment of disabled persons and also employs personnel aged over 60 years, due to the fact that the Company sees how beneficial their experience, knowledge and ability in specific fields are. Furthermore, the Company also supports Thailand's step into the aging society so that the elderly over 60 years of age remains employed. In this respect, the Company is committed to encouraging staff at home and abroad, whether permanent or daily staff, to exercise their lawful rights as citizens required by laws, provided that the said rights must not violate others' rights, including termination of staff of the Company and its affiliated companies which must correctly observe the specified procedures, with fair treatment towards staff, respect and taking into account the human rights, strict compliance with guidelines of labor laws and related requirements. Moreover, the Company and its affiliated companies have arranged for communication channels through which staff can provide suggestions and make complaints about work-related matters, including reports on unfair treatment, violation of human rights, non-compliance with the codes of conduct, illegal actions, suspicious behavior of corruption, misconduct committed by personnel, to ensure that personnel feel involved in management and be a part in development of the organization.

### Fair Treatment towards Labor

The Company always gives priority to personnel in the belief that driving the organization to achieve its goals and sustainable growth in the future needs human resource management with fairness, without discrimination in employment, regardless of gender, race, religion, language, or social status, without use of forced labor and child labor. Thus, the Company has firmly upheld principles of labor laws and other relevant laws to determine remuneration and benefits as required by laws, together with the policy on consideration of fair and appropriate remuneration by taking into account competency and performance of staff in parallel with the Company's operating results, including provision of welfare and privileges to staff, which are comparable to those provided by other companies in the same industry, such as, provident fund, medical treatment and annual health checkup welfare, and allowance for various events. And no less important, the Company also provides the safe and health working environment, including recreational activities for staff.

The Company realizes the significance of continuing personnel development and supports and provides staff equal opportunities to grow and advance in their careers without discrimination, through provision of training required for performance of their works, including provision of training in other aspects, for enhancement of their competency. In 2020, the Company still carried out evaluation of performance of its executives and staff based on Key Performance Indicators (KPIs) to obtain the clear and fair evaluation results which could be efficiently used in support of development of competency of the executives and staff. In addition, the Company continued to encourage its executives and staff to apply the Kaizen-based principles to performance of their works to ensure continuous improvement and development via various activities throughout the organization all year round.

Another important thing was the Company has campaigned for raising awareness among its staff as to the codes of conduct and corporate governance, by placing emphasis on their practical application of the same to their day-to-day works, together with the principles of the sustainability and the Sufficiency Economy.

### **Safety, Occupational Health and Training related to Power Plants**

As a result of the situation of the pandemic of Coronavirus Disease (COVID-19), the Company, to curb and prevent the spread of Coronavirus Disease (COVID-19) as well as to ensure the safety of staff and workers in the offices and areas of the power plants under the management of CKPower Group, both in Thailand and the Lao PDR, then adopted the guidelines for coping with such situation in a promptly manner. To manage to minimize impacts on the business operations and take care of stakeholders, a working group, consisting of executives and staff representatives in all fields, was then formed to make preparations for supporting and responding to the pandemic situation of Coronavirus Disease (COVID-19), and closely monitor news for situation assessment, consider drawing up appropriate action plans, and establish preventive measures in accordance with standards of the World Health Organization and the Ministry of Public Health to make the work operations flexible and keep pace with current situations.

The working group conducted a Business Impact Assessment to analyze activities which might affect the business operations of the Company, including its affiliated companies, by focusing on the Company's main activities, such as, turning to electronic cheque

payment-receipts, document approval via email, internal and external communication, as well as stakeholders of all sectors, for instance, notice of postponement of the scheduled date of the Annual Ordinary General Meeting of Shareholders, notice of precautionary measures of the power plants to concerned persons, invoicing and delivery coordination for suppliers and distributors, creating groups of internal communication via the Line Application to ensure instant communication among the group members, using technology for conferences via video and audio teleconferencing program in place of face-to-face meetings, and preparation of information equipment to support working from home, as well as all taking care of staff's hygiene and safety, e.g., measuring staff's temperature and arranging for alcohol gel hand sanitizer at every entry and exit point of the buildings, on every office floor, and at every power plant, cleaning contact points with ozone disinfection within the entire office space and all power plants on a weekly basis, ensuring social distancing inside elevators, together with sending staff to undergo a test for the Coronavirus Disease 2019 (COVID-19).

As for measures taken in every power plant, all areas of each power plant under the management of the Company were treated as the highly restricted zone, and access to such zone was strictly controlled; and any staff on duty who had a body temperature above 37.5 degrees Celsius, had a fever, cough, stuffy nose, sore throat, shortness of breath, or cold, must immediately go to see a doctor on call at such power plant; there was a restriction on every entrance and exit of all third parties; and in case of an emergency or necessity, the power plant manager was empowered to consider it on a case-by-case basis, provided, however, that such staff must first undergo a physical examination by a doctor on call at such power plant and must strictly refrain from joining groups for doing activities of all types within the power plant, with which the Company issued a written announcement for all staff's strict compliance.

The Company established the proactive measures which seemed more stringent than those formulated by the government sector, for instance, to prohibit overseas travelling or prohibit traveling across provinces in Thailand and in the Lao PDR, whereby the Company was in communication with staff to ensure that staff had awareness of the severity and impacts of the disease; had correct and corresponding understanding of the Company's various practices and were ready to provide cooperation in order to overcome this crisis together. As a result, no person infected with the COVID-19 had yet been found in the Company.



In addition, the Company was genuinely concerned about its staff working at all power plants in Thailand and the Lao PDR, by delivering consumables together with protective equipment, such as, medical face masks, alcohol, to all staff in order to bolster their morale and courage. It can be seen that the Company has implemented the efficient management measures in the crisis of the COVID-19 pandemic and the Company continues to follow various preventive measures which have been put in place until there would be the vaccines widely available. Therefore, all staff have to modify their behavior and adjust how to work to thrive in the New Normal.

#### Xayaburi Hydroelectric Power Plant

2020 was the first year that the Company officially commenced its full-year commercial production and distribution of electricity. The Company has then implemented safety operations in line with various requirements, including laws of the Lao PDR and Thailand, so that staff are always aware of control and protection measures in their work operations, in order to minimize potential accidents and to ensure professional work operations in accordance with safety procedures. All new staff and contractors will have to undergo safety training before working, including safety training in various fields, such as, fire-fighting training, first aid training, along with review of the identification and assessment of safety risks. In addition, control and preventive measures have been formulated before starting the work operations, by applying the Job Safety Environment Analysis (JSEA) to the work permit system and high-risk work process, which have been communicated to all concerned staff and contractors to ensure efficient and effective actions. In 2020, according to the Company's safety statistics report, it was found that there was a Loss Time Injury (LTI) accident sustained by one staff, the Company has therefore strived for more rigorous development of the occupational safety and health operations in a systematic manner based on learning from the accident which happened for monitoring and taking precautions to ensure compliance with the established practices, with the goal of zero accident in the next year.

#### Bangpa-in Cogeneration Power Plant

As the Company has recognized and attached importance to safety operations and safety training in various aspects, both for staff and contractors, in 2020, according to the Company's safety statistics, there was no report of a Loss Time Injury (LTI) accident sustained by any staff and contractor. The Company continued to conduct fire-fighting and fire evacuation drills, first aid training, emergency

response training in various situations, such as, chemical leaks, radiator explosion, including electricity work safety training, and also undertook a safety day activity and simultaneously undertook an anti-drug sports activity to ensure staff's perpetual awareness of work safety.

#### Bangkhenchai Solar Power Plant

In 2020, there was no report of any accident and the Company also conducted annual fire-fighting and fire evacuation drills, as well as practicing and reviewing how to use fire-fighting equipment and how to extinguish fires, which were in accordance with relevant laws and international standards.

#### Nam Ngum 2 Hydroelectric Power Plant

In 2020, as the Company had improved working and held safety training, there was no report of a Loss Time Injury (LTI) accident. The Company still gave priority to safety operations, by developing the E-Work Permit System to be applied to the annual maintenance work of the power plant. This year, the company also continued to conduct annual fire-fighting and fire evacuation drills, in order to encourage staff to review the operating procedures, including reviews of measures to control, prevent and respond to any possible emergencies.

Statistics of Fatality and Loss Time Injury (LTI) Accidents of the Affiliated Companies

	2018	2019	2020
<b>Fatality</b>			
• Staff	0	0	0
• Contractors	0	0	0
<b>Lost Time Injury (LTI)</b>			
• Staff	0	1	1
• Contractors	0	1	0





### Innovations and Diffusion

The Company, with its commitment to creating and developing a prototype of the most eco-friendly hydroelectric power plant of the Mekong River, i.e., the Xayaburi Hydroelectric Power Project, not only has selected the leading-edge technology to present design and construction innovations of the first Run-of-River hydroelectric power plant in the region, but the Company also remains committed to conveying knowledge, experience and achievements in various aspects to all sectors through site visits to the power plants, lecture on operations from the stages of pre-construction, during construction and post-construction, including dissemination of knowledge and understanding as to clean energy, renewable energy, and innovations in energy saving and efficient energy use, which are necessary for the country's energy stability in the future. Furthermore, the Company has regularly taken part in various activities to play a part in sharing knowledge on energy innovations and technologies by the Company's engineers. The Company emphasizes educational development to increase knowledge of the youths living near the power plants invested in by the Company in preparation for drawing up a plan to support Goal 4 of the United Nations Sustainable Development Goals (UNSDG) regarding equitable quality education. Furthermore, the Company also has engaged a consulting firm to operate the organizational or business transformation projects, especially the use of digital technology as a tool to transform or improve the business to be more ready in the digital world (Digital Transformation) whereby SAP S/4 HANA has been applied, in conjunction with new solutions, to enhance the operational efficiency and reduce the IT complexity in the organization, including improvement of the existing work process within the organization to prepare for the future growth, in parallel with modernization of the work process based on Industry Framework, an industry standard model for business processes, to enable the Company to achieve the goal of the Digital Transformation as planned and under the set budget until the project's objectives can be fulfilled with high quality and internal communication can be made smoothly.

In 2020, the Company devised projects and innovations, carried out studies, improvements and experiments to use only one gas compressor during the off-peak period, because the Bangpa-in Cogeneration Power Plant was normally designed to be equipped with two gas compressors which operate simultaneously to pressurize gas into the combustion chamber in the gas turbine, both during the peak and off-peak periods. However, during this off-peak period, the level of gas required to generate electricity is also low; the compressed gas from the gas compressors was more than required, causing power loss in driving the gas compressors. For that reason, the Company's staff came up with an idea to help reduce the power energy usage in this part. According to the experimental results and actual operations, the volume of gas from operation of one gas compressors was sufficient to generate electricity during the off-peak period, as such, the Company was able to reduce the power energy usage during the operation of this project from October to December 2019 by approximately 396,253 units of electricity, and saved cost from reduction of the power energy usage in 2019 by approximately Baht One Million. In this regard, from the achievement of this innovation, the Company was presented with the ASIAN POWER AWARDS 2020, which represented a significant encouragement and motivation for staff's determination to devise projects and innovations which minimize the use of natural resources and minimize the environmental impacts from the Company's business operations.

### Fair Business

The Company firmly believes that good corporate governance plays a key factor in showing the Company's efficient, transparent, auditable management systems, and a key factor in promoting the overall success of the Company, as one of socially responsible organizations, which will help build trust and confidence among shareholders, investors, stakeholders, and all related parties. Therefore, the Company adheres to and complies with the principles of good corporate governance through operations of the Board of Directors, the management, and staff, by establishing the Corporate Governance Policy in accordance with the criteria of the Principles of Good Corporate Governance of the Stock Exchange of Thailand and the practical regulations of the Securities and Exchange Commission and the Capital Market Supervisory Board, as well as consistency with the Principles of Good Corporate Governance for Listed Companies under the Corporate Governance Code. In this regard, the Company's Corporate Governance Policy has covered all five chapters of significant matters under the criteria of the Principles of Good Corporate Governance of

the SET, namely, Rights of Shareholders, Equitable Treatment of Shareholders, Role of Stakeholders, Disclosure and Transparency, and Responsibilities of the Board. Moreover, the Board of Directors' Meeting reviewed the Company's Corporate Governance Policy to make it appropriate and up-to-date in accordance with the SET's criteria of the Principles of Good Corporate Governance subject to regular changes.

In this connection, the Company has disclosed such Corporate Governance Policy on the Company's website, with the aim of communicating the Company's intention in its operations based on the principles of good corporate governance to directors, executives and staff at all levels, together with stakeholders of all sectors, to ensure that they recognize, understand, and adhere to the same accurately, thereby building confidence among all sectors, in order to achieve the organization's clear practical guidelines, with transparency and auditability, and ensure the Company's steady and sustainable growth under its visions and missions.

### Anti-Corruption

With the Company's business nature in a form of holding company, the Company then has a duty to establish a mechanism to ensure that the operations of the Company and its subsidiaries are in accordance with the principles of good corporate governance, and must be aware that a fraud or corruption, even at the level of the Company or its subsidiaries, will have an adverse impact on the operations, confidence, and overview of the Company and its subsidiaries. The Company and its subsidiaries have therefore recognized the importance of good corporate governance and business operations with transparency and fairness to ensure good, stable and fair returns to shareholders and genuinely consider stakeholders of all sectors. To that end, the Company has formulated practical anti-corruption measures as follows:

#### 1) Establishing the written anti-corruption policy and practice

The Company gives priority to anti-corruption and support as well as encouraging personnel at all levels of the Company and its subsidiaries to have an awareness of anti-corruption. Therefore, the anti-corruption policy has been established through CG Policy, and the Control Policy and Governance Mechanisms (Control Policy), including practices against frauds and corruptions, as clear guidelines for the business operations, to which personnel of the Company and its affiliated companies are required to strictly adhere, and at the same time, such policy has been communicated and applied to staff in all activities and all work units, both inside and outside the Company.

For this purpose, the Company has published the Corporate Governance Policy on the Company's website, with its details appearing in the caption of Corporate Governance to ensure consistency with international corporate governance standards, and use it as a guideline for the business operations of the Company and its subsidiaries based on corporate governance.

#### 2) Use of inside information, taking into account the rights of stakeholders, as well as duties of directors and executives of the Company and its subsidiaries

The Company realizes the importance of use of inside information in accordance with principles of good corporate governance, and therefore, has established a policy to access, use and disclose inside information by the Board of Directors, executives, auditors and personnel of all work units, including their respective spouses and underage children, and to supervise the use of inside information, the Company has then assigned the directors and executives under the definition of the Office of the Securities and Exchange Commission (the "SEC Office") the duty to report on their own holding of securities for the first time when he/she is appointed, provided that the report must be made to the SEC Office within 30 days from the date of his/her taking the position and any change in his/her holding of securities every time of his/her purchase, sale, transfer, or acceptance of the transfer of the securities, must be reported within 3 business days from the date of the purchase, sale, transfer or acceptance of transfer of such securities. In this regard, the Board of Directors has monitored the implementation of the aforementioned inside information disclosure policy by stipulating that the holding of securities must be reported to the meetings of the Corporate Governance and Risk Management Committee and the Board of Directors on a quarterly basis, and the information on the number of shares held by the directors and executives must be also disclosed in the Annual Report.

In this regard, the Company has demonstrated its commitment to anti-corruption in accordance with the established policy, by providing training and seminars for the Company's personnel in order to ensure their true knowledge and understanding of anti-corruption as well as allowing the Company's personnel to be a part in helping prevent and investigate frauds in the organization.

### 3) Establishing a corruption investigation unit

The Company recognizes the importance of internal control system, the Company therefore has provided the internal control system in place which covers all activities of the Company, including continuing development of the internal control system to ensure compliance with the guidelines of the SET and the SEC Office, as well as the internal control practices of the Committee of Sponsoring Organizations of the Treadway Commission ("COSO"). In this regard, the Company has the internal audit unit to follow the internal audit process at the level of workunit of both the Company and its subsidiaries, to review and inspect the work process and formulate measures to handle in the event that a suspicious fraud or corruption is found in the Company and all of its subsidiaries, for report to the Audit Committee or receive a report on whistleblowing or suspicions of misconduct to ensure that every single process of operations in all work units is of standard, transparent and auditable, and in full conformity with the Principles of Good Corporate Governance of Listed Companies.

Moreover, the Company also has the Audit Committee who is fully qualified under the criteria prescribed by the SET, consisting of three independent directors with the scope of their duties and responsibilities under the Audit Committee's Charter to review financial reports to ensure accuracy and completeness, to consider connected transactions or transactions which may give rise to a conflict of interest, along with transactions on acquisition or disposition to ensure compliance with relevant laws and regulations, justification and the Company's maximum benefit, and review that the Company's internal control system and internal audit system are suitable and efficient, as well as imposing punishment measures against personnel who have committed any fraud or corruption in sequence.

In this regard, the Company has established practical guidelines for supervision and control to prevent and monitor risks from corruption, which can be summarized as follows:

1. To provide inspection, evaluation of the internal control system and risk management covering the operations of the Company and its subsidiaries by the internal audit unit established by the Company to review and ensure that there is an appropriate and efficient internal control system in place, and prevent any fraud or corruption in the Company and its subsidiaries;

2. To provide the whistleblower channels and report to the management and the Board of Directors or receive a report on whistleblowing or suspicions of misconduct to ensure that every single process of operations in all work units is of standard, transparent and auditable, and in full conformity with the Principles of Good Corporate Governance of Listed Companies;
3. To arrange for a fair and transparent investigation to find a conclusion in the form of a joint panel; in the event that the wrongdoer is found guilty, the results of the investigation will be submitted to his/her line supervisor, the human resources department, and the Managing Director, and such wrongdoing personnel will be subject to fair disciplinary procedures, namely, written warnings, employment termination, and legal actions to protect the interests of the Company and stakeholders of all sectors.

### 4) Establishment of whistleblower channels and measures for protection of whistleblowers

The Company has opened up reliable and independent whistleblower channels through which any third parties can report on any non-compliance with the codes of conduct, violation of laws, or any suspicious behavior of fraud or misconduct committed by personnel in the Company, including report on any flaws in the internal control system, from both staff and any other third parties.

Currently, the Company has set up three whistleblower channels as follows:

- 1) via the Company's website directly to the Investor Relations at [www.ckpower.co.th/th/ir](http://www.ckpower.co.th/th/ir);
- 2) via E-mail to the Members of the Audit Committee and the Board of Directors at [directors@ckpower.co.th](mailto:directors@ckpower.co.th) or the Investor Relations at [ir@ckpower.co.th](mailto:ir@ckpower.co.th);
- 3) via a sealed letter to the Chairman of the Audit Committee of CK Power Public Company Limited No. 587 Viriyathavorn Building, Sutthisan Winitchai Road, Ratchadaphisek Subdistrict, Dindaeng District, Bangkok 10400.

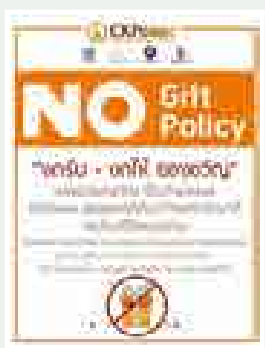
In addition, the Company has established whistleblower protection guidelines in the practical guidelines for stakeholder engagement as a safeguard measure to keep all whistleblowing information confidential and restrict a group of persons' access to the information and disclose the same to concerned persons only, as well as making it available on the Company's website to build confidence and a sense of security for the whistleblowers, as follows:

- 1) Whistleblowers can opt to remain identified or anonymous if such disclosure may cause any insecurity or damage.
- 2) The Company considers the information confidential and will disclose the same only when necessary to the person(s) responsible for resolving the problem and mitigating the damage, by taking into account the safety and damage of the whistleblowers or concerned persons.
- 3) In the event that the whistleblowers consider that

he/she may feel unsafe or may be in trouble, the whistleblowers may request the Company to establish appropriate whistleblower protection measures.

- 4) Any affected person shall be provided with remedies through an appropriate and fair process.
- 5) The Company shall remedy and mitigate any damages incurred under the management mechanism and the rules of law as soon as possible.

In 2020, the Company received no whistleblower report.



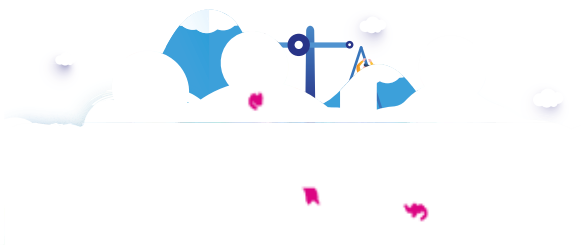
To affirm the Company's strong commitment to anti-corruption, in 2020, the Company continued to adopt the No Gift Policy of the Company and its affiliated companies, and also widely notified the Company's stakeholders of all sectors for acknowledgement, including such notice via the Company's website and Facebook, in order to reaffirm the Company's clear intention in the internal organizational management under the zero-tolerance concept in all cases.

#### 5) Establishment of Policy on external anti-corruption

The Corporate Governance Policy has been communicated by the Company to personnel from all work units to ensure that such policy has been implemented in their contact or coordination with suppliers/traders and any third parties in order to prevent any exposure to corruption. In addition, the suppliers/traders or third parties in contact with the Company and its subsidiaries shall be strongly encouraged to strictly comply with the Company's anti-corruption policy so as to prevent any possible involvement in corruption on a concrete basis. To that end, the Company has imposed stringent disciplinary measures against staff who are involved with corruption and will make outright cancellation of any transactions with the suppliers/traders or third parties.

#### 6) Identification of corruption risk in the Company's risk management plan

The Company has identified corruption as one of the risk factors under the Company's risk management plan to ensure that all work units are aware of the potential impacts of fraud or corruption, including precautions of risks which may arise from the operational process. The risk management working group of the Company and its subsidiaries shall conduct a quarterly risk assessment under the Company's risk management plan for submission of the same, including issues of interest, for consideration by the Corporate Governance and Risk Management Committee's Meeting, and shall take precautions and closely monitor if any significant changes or matters for considerations are found. The Corporate Governance and Risk Management Committee will submit a risk assessment report to the Board of Directors' Meeting every quarter.



## AWARDS OF PRIDE



### Thailand Sustainability Investment Index 2020 (THSI)

2020 marked another year of pride for CKPower in which the Company was selected as one of the Thailand Sustainability Investment (THSI) list by the Stock Exchange of Thailand, in its capacity as an organization engaging in the sustainable business operations, prioritizing the Environment, Social, Governance (ESG), reflecting the Company's commitment to conducting business management in pursuit of sustainable growth and generating stable and constant returns in the long run while operating the business based on ethics, responsibility for society and stakeholders.



### Corporate Governance Report of Thai Listed Companies (Thai Institute of Directors: IOD)

In 2020, the Company also received a five star "Excellent" rating of the Corporate Governance Report of Thai Listed Companies from the Thai Institute of Directors (IOD) for three consecutive years, underscoring the Company's governance to serve the purpose regarding transparency, care and fair treatment toward concerned parties, and auditable disclosure in accordance with the principles of the CG Code and in conformity with the expectations and confidence of both domestic and international investors.



### IR Magazine Awards

The Company received the IR Magazine Awards 2020 for Best Crisis Management in Southeast Asian from IR Magazine in the field of building understanding on water and environmental management of the Xayaburi Hydroelectric Power Plant in the Lao PDR.



### Asian Power Awards 2020

The Company received the Silver Asian Power Awards 2020, representing the Environmental Upgrade of the Year Award and the Natural Gas-Fired Power Project of the Year - Thailand, for coming up with new ideas and innovations for environmental upgrade from Asian Power Magazine, Asia's leading electric industry magazine.



### Greenhouse Gas Management Organization Certificate

The Company was awarded a certificate by the Thailand Greenhouse Gas Management Organization and the Textile Industry Development Institute, as its capacity as an organization with its commitment to minimizing global warming, by way of adopting the so-called "Cool Mode" world conservation fabric innovation in the production of the uniform for staff in CKPower Group with its aim of minimizing greenhouse gas emissions while diminishing environmental impacts.

# INTERNAL CONTROL AND RISK MANAGEMENT

## Internal Control

The Company supports the efficient and effective internal control system to prevent and minimize risks on a continuous basis, by applying the international standards of the Committee of Sponsoring Organizations of the Treadway Commission (COSO) to evaluation of the internal control system, covering Operational Control, Financial Control, and Compliance Control. In addition, the Company applies the international standards of the Control Objectives for Information and Related Technology (COBIT) to evaluation of the internal control system and information technology system security.

The Board of Directors has assigned the Audit Committee to supervise the internal control system, with the Internal Audit Unit being responsible for independently reviewing and evaluating the operating systems in various aspects of the Company and its affiliated companies under the internal audit plan approved by the Audit Committee. In the Audit Committee's Meeting No. 1/2021 held on February 22, 2021, the Audit Committee reviewed the Company's internal control system through the management's report on internal control system evaluation based on the Internal Control Sufficiency Evaluation Form publicized by the Office of the Securities and Exchange Commission (SEC), the Audit Committee was of the opinion that the Company's internal control system was sufficient and appropriate. A summary of five components of the internal control can be divided into Control Environment, Risk Assessment, Control Activities, Information & Communication, and Monitoring Activities, as follows:

- **Control Environment:** The Board of Directors and the Management Team have the firm intention of conducting the business operations with management based on good corporate governance; adherence to morality and ethics, with transparency, auditability, and awareness of responsibility for all stakeholders, by establishing a good internal control environment via the codes

of conduct, policies, Core values, including the Company's structure and reporting lines as appropriate, as well as formulating and communicating written policies, practical regulations to make sure that they are acknowledged and observed by staff in the same direction.

- **Risk Assessment:** The Board of Directors has appointed the Corporate Governance and Risk Management Committee to perform the duty to establish the risk management policy framework, consider the annual risk management plans of the Company and its affiliated companies, including supervision and monitoring of the risk management, as well as acknowledging a quarterly report on risk management results. Furthermore, the Company and its affiliated companies have appointed a risk management working group, consisting of executives and staff from all lines of work, to perform the duty to identify risks, assess risks, prepare and propose a risk management plan, along with report on risk management results on a quarterly basis to the Corporate Governance and Risk Management Committee.
- **Control Activities:** The Company and its affiliated companies have suitably established a Table of Authorities and communicated to staff for acknowledgment via the Intranet; laid down the operational guidelines for significant work processes, such as, accounting, finance, purchasing, etc.; ensured a separation of duties and responsibilities relating to transaction approval, accounting records, and asset management, with the Internal Audit Division having the duty to review the internal control system of each process of the Company and its affiliated companies under the audit plan approved by the Audit Committee, in order to rest assured of effectiveness in the internal control systems of the Company and its affiliated companies which can help the organization achieve the set objectives and reduce potential risks of corruption.



- Information & Communication:** The Company has the information and communication system by which information has been made accessible to the Board of Directors, the Management Team and staff in an efficient and timely manner, to enable them to appropriately use the obtained information in their decision-making and performance, by way of communication of information and news, announcements of the Company via e-mail and Intranet system, as well as employing technologies to help in communicating information to staff within the Company, e.g., Microsoft Team, Digital Signage System, including the use of SAP in management of corporate information. As for communication channels with third parties, the Company has communicated information via the website: [www.ckpower.co.th](http://www.ckpower.co.th) to ensure all stakeholders' equitable access to up-to-date news of the Company. Furthermore, the Company has established guidelines for staff and stakeholders to blow the whistle or make complaints concerning non-compliance with the codes of conduct (Whistleblower) in the Corporate Governance Policy, with the Company having measures for protection and confidentiality of identities of whistleblowers.
- Monitoring Activities:** The Company has an Internal Audit Unit which independently performs its duties by the International Standards for the Professional Practice of Internal Auditing: IIA, whereby the Internal Audit Division has made the Risk-Based Audit Plan and an audit report to the Audit Committee, including report to the management in the event that there are suggestions or issues so discovered requiring improvement, remedy as appropriate. Moreover, the Compliance and Legal Department has the duty to monitor compliance with rules, regulations, requirements stipulated by the Office of the Securities and Exchange Commission (SEC) and the Stock Exchange of Thailand, including other applicable laws. In 2020, there was no report on the Company's failure to comply with any rules, regulations or requirements.

## Risk Management

The Company places the importance on the use of risk management system in operating the business to achieve stability and sustainability in the interest of all concerned parties. The Board of Directors has authorized the Corporate Governance and Risk Management Committee to efficiently and comprehensively oversee and review the risk management of the Company and its affiliated companies, including monitoring of significant risks with effect on the Company's business.

The risk management working group of the Company and its affiliated companies consists of executives and staff from all lines of work, namely, business planning, engineering, operation and maintenance, power plant manager, etc., with the duty to draw up an annual risk management plan, with risk evaluation covering five aspects,



and address relevant risk factors, conduct analysis of potential impacts and opportunities, as well as determining risk appetite/risk tolerance (an acceptable risk level) and risk indicators, risk management measure based on the COSO ERM Framework, and quarterly report on risk management for evaluation and monitoring of the risk management measures to ensure they remain up-to-date and able to manage risks to stay at an acceptable level. Moreover, the Company has assigned the Internal Audit Division to monitor and review the risk management process, which is independent of the risk management working group, as well as appointing a knowledgeable and competent person to serve as a secretary to the Corporate Governance and Risk Management Committee with the duty to collect information and report on results to the Corporate Governance and Risk Management Committee and further report to the Board of Directors for acknowledgement on a quarterly basis.

### Head of Internal Audit Division

The Internal Audit Division performs the duties independently to review and evaluate the effectiveness of the risk management process, internal control, and supervision of the Company and its affiliated companies on a systematic basis, which shall directly report to the Audit Committee. Miss Jiraporn Putiparsoed has been appointed as the

secretary to the Audit Committee and the Head of Internal Audit Division, due to the fact that she has knowledge, abilities and working experience in internal audit in the business of the same nature as that of the Company, continues to attend training courses relating to the internal audit work, and she has been granted a certificate as the Certified Professional Internal Auditor of Thailand, with the understanding of the Company's activities and operations, as well as being capable of performing such duties appropriately. Consideration and approval for appointment, removal, transfer of the Head of Internal Audit Division of the Company is subject to approval of the Audit Committee. The qualifications of the Head of Internal Audit Division are described in Attachment 3 of Annual Registration Statement for Year 2020 (Form 56-1) of the Company.

### Head of Compliance Division

The Company has authorized Miss Rujira Chuaybamrung, Assistant Managing Director - Business Controlling, to supervise the Company's compliance with the rules and regulations of relevant agencies. The qualifications of the Head of Compliance Division of the Company are described in Attachment 3 of Annual Registration Statement for Year 2020 (Form 56-1) of the Company.



# CONNECTED TRANSACTIONS

The Company and its subsidiaries executed connected transactions with persons who may have a conflict of interest in 2020 based on the following criteria:

## Necessity and Justification of Connected Transactions

The Audit Committee was of the view that the connected transactions of the Company or its subsidiaries executed with a related company or party, had general commercial conditions in a manner persons of ordinary prudence might enter into with general parties under the same circumstances, through commercial negotiation without exercising influence in their capacity as persons who may have a conflict of interest (arm's length basis) and without transfer of benefit between the Company and persons who may have a conflict of interest, and for the utmost benefit of the Company, in accordance with the Notification on Connected Transactions.

## Measures or Procedures for Approval of Connected Transactions

1. To consider that any executed transactions are related party transactions between the Company or its subsidiaries and a party/person who may have a conflict of interest or have interests in accordance with the definitions of the connected person as specified by the SEC;
2. In case of a related party transaction, value of the related party transaction shall be calculated and compared with the Company's net tangible assets (NTA) to consider the volume and category of the related party transaction as specified by the SEC, divided into five main categories, namely, a transaction of ordinary course of business of the Company, a transaction in support of the ordinary course of business, a transaction of short-term rental or lease of immovable property, a transaction relating to assets or service, and a transaction of financial support;
3. In case of a related party transaction in the category of transactions in the ordinary course of business and in support of the ordinary course of business, the Board of Directors approves in principle to authorize

management to consider executing such transactions, provided that such transactions are subject to general commercial conditions, namely, commercial conditions with reasonable and fair price, without transfer of benefit. In this regard, management is required to summarize such transactions for acknowledgment by the Audit Committee and the Board of Directors; and

4. In case of a related party transaction of other categories, the transaction volume of each category and the power to execute the transaction shall be considered as specified by the SEC. All transactions are subject to consideration as to justification in execution of the transactions the Audit Committee, taking into account the utmost benefit of the Company as if such transactions were executed with a third party (arm's length basis), to ensure transparency, without giving rise to any conflict of interest, and for the utmost benefit of the Company and all shareholders, and the transactions shall be proposed to the Board of Directors or shareholders based on nature and volume of transactions of each category. Directors who have any interests in execution of the connected transactions shall not be entitled to approve nor vote on such matters in which they have interests.

## Policy and Trend of Future Connected Transactions

The Company expects that connected transactions will be executed in the future, mostly continuously from the existing transactions, such as, Maintenance Contract, Purchasing on Gas or Raw Water Contract, Management Contract etc., whereby the transactions are in the ordinary course of business and for the utmost benefit of the Company and its subsidiaries. The Company assigns the Audit Committee to consider and provide opinions as to necessity and justifications for execution of the transactions, and justification of the prices, so as to ensure that the conditions of such transactions are not different from transactions in the same category executed with third parties, and in compliance with relevant laws and regulations.

In this regard, the Company has disclosed the connected transactions in the Company's Notes to Financial Statements, which has been audited by the Company's auditor.

## Relationship between the Company and its Subsidiaries with Related Companies/Parties

### CK Power Public Company Limited and its Subsidiaries

Company	Shareholding Percentage	Business Operation
CK Power Public Company Limited (CKP or the Company)		The Company operates its core business as a holding company by holding shares in other companies engaging in the business of production and sales of electricity generated from various kinds of energy and provision of consulting service and other services related to electricity production projects.
SouthEast Asia Energy Limited (SEAN)	61.33 percent of shares held by CKP	SEAN operates the business of investment and development of electricity production business in the Lao People's Democratic Republic (Lao PDR).
Nam Ngum 2 Power Company Limited (NN2)	75 percent of shares held by SEAN (46 percent of shares in NN2 indirectly held by CKP); NN2 is CKP's core company.	NN2 produces and sells the hydroelectric power as concessionaire under the Concession Agreement for the Nam Ngum 2 Hydroelectric Power Plant, awarded by the Government of the Lao PDR, with a production capacity of 615 megawatts. The plant is located in Xaysomboun District, Vientiane Capital, the Lao PDR.
Bangpa-in Cogeneration Limited (BIC)	65 percent of shares held by CKP	BIC operates the business of production and sales of electricity and steam from cogeneration power plant, using natural gas as fuel, with a production capacity of 238 megawatts for electricity ( BIC1: 118 and BIC2: 120) and 20 tons per hour for steam (BIC1 Plant).The two plants are located in the Bangpa-in Industrial Estate, Amphoe Bangpa-in, Phra Nakhon Si Ayutthaya Province.
Bangkhenchai Company Limited (BKC)	100 percent of shares held by CKP	BKC produces and sells solar power from solar power plant with a production capacity of 14.7 megawatts from the total of 7 projects.
CKP Solar Limited	100 percent of shares held by CKP	This company has been established for electricity production and sales.
Helios Power Limited	100 percent of shares held by CKP	This company has been established for electricity production and sales.
Apollo Power Limited	100 percent of shares held by CKP	This company has been established for electricity production and sales.
Vis Solis Limited	100 percent of shares held by CKP	This company has been established for electricity production and sales.
Sole Power Limited	100 percent of shares held by CKP	This company has been established for electricity production and sales.

## Details of Connection Transactions in 2020

### 1. Transactions of CKP and its Subsidiary with CH. Karnchang Public Company Limited (CK)

CK engages in the construction business and a full range of development, investment and management of large-scale infrastructure concession projects within the country and the region. CK is also CKP's related company since CK is CKP's major shareholder, holding shares in CKP representing 30.67<sup>1</sup> percent of CKP's registered and paid-up capital. CKP and CK have four common directors, namely, (1) Mr. Plew Trivisvavet, (2) Mr. Narong Sangsuriya, (3) Mr. Prasert Marittanaporn, and (4) Dr. Supamas Trivisvavet.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
Lease of the Company's Office Area and Facility Services in Viriyathavorn Building				
• Office area rental	-	10.82	10.36	CKP and BIC utilized the areas on the CH, 17 <sup>th</sup> , 18 <sup>th</sup> , and 20 <sup>th</sup> Floors of Viriyathavorn Building of CK. The rates of the office area rental and the utility cost were at the normal rates charged by CK to general lessees.
• Interest expense under the lease agreement	1.98	-	-	
• Lease liabilities	88.37	-	-	
• Other payables	0.67	0.84	0.19	
• Deposit receivables	2.61	2.20	2.05	
Lease of Virtual Private Server				
• Rental	0.60	0.60	0.60	BIC has taken on lease of three sets of servers for 430 GB each, for a period of one year since February 2015 or for a renewable lease term due to a renewal of the agreement, whereby if either party does not terminate the agreement, it shall be deemed that the agreement remains effective for another one year each. The rental was at the normal rate charged by CK to general customers, as well as taking into account the security of stored data.
• Other payables	0.05	0.05	0.05	

Remark: <sup>1</sup> As the Company's latest closing date of the share register for suspension of the share transfer on December 30, 2020.

## 2. Transactions of CKP and its Subsidiary with CH. Karnchang (Lao) Co., Ltd. (CHK)

CHK was incorporated under the law of the Lao People's Democratic Republic and engages in the construction business in the Lao People's Democratic Republic. CHK is CK's related party since it is wholly owned by CK, and as a result, CKP and CHK have a common major shareholder and CHK is considered CKP's related company. CKP and CHK have no common director.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
Engagement for the Upgrade of Voltage and Construction of the 230/500 kV Nabong Substation				
• Project costs during construction phase	-	-	223.66	NN2 engaged CHK to upgrade voltage and construct the Nabong Substation to be 500 kV, which was completed by May 2018. This was in compliance with the conditions of the Power Purchase Agreement with EGAT in order to ensure that the Nabong Substation can accommodate various power plant in the Lao People's Democratic Republic which has executed the power purchase agreements with EGAT.
Engagement for Repair of Road within the Plant	-	12.76	-	NN2 engaged CHK to improve and repair road within the Plant during March and May 2019, at the contract price in the ordinary course of business.



### 3. Transaction of the Subsidiaries with TTW Public Company Limited (TTW)

TTW engages in the tap water production and sale business. TTW is considered CKP's related company since TTW is one of CKP's major shareholders, holding shares in CKP representing 24.98<sup>2</sup> percent of CKP's registered and paid-up capital. CKP and TTW have three common directors, namely, (1) Dr. Thanong Bidaya, (2) Mr. Plew Trivisvavet, and (3) Dr. Patarut Dardarananda.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
<b>Tap Water Purchase</b>				
• Tap water cost	47.20	50.47	45.88	BIC executed the Agreements for Tap Water Purchase (with the tap water charges at the rate as specified in the Notification of the Industrial Estate Authority of Thailand) and for Water Treatment with TTW for Bangpa-in Cogeneration Power Plant 1 and Bangpa-in Cogeneration Power Plant 2 from the construction period and the commercial operation commencement until present. Such transaction was the purchase and sale of tap water in the ordinary course of business, with payment according to the Agreements.
• Water treatment cost	3.05	3.26	2.97	
• Trade payables	4.36	4.16	4.47	
<b>Sales of Electricity</b>				
• Revenue from sales of electricity	13.61	7.16	-	Solar rooftop power plants of BKC were subject to the Power Purchase Agreements with TTW. Such transactions were the purchases and sales based on the electricity tariffs charged by the Provincial Electricity Authority and in the ordinary course of business.
• Trade receivables	1.13	1.16	-	

### 4. Transaction of CKP with Bangkok Expressway and Metro Public Company Limited (BEM)

BEM engages in the construction and operation business of the Si Rat Expressway (Second Stage Expressway) and expressway extensions, and also engages in the metro business. BEM is considered CKP's related company since BEM is one of CKP's major shareholders, holding shares in CKP representing 17.59<sup>3</sup> percent of CKP's registered and paid-up capital. BEM and CKP have one common director, namely, (1) Mr. Plew Trivisvavet.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
<b>Increase of Shareholding Percentage in XPCL</b>				
• Investments in associated company	-	-	2,065.00	On April 10, 2018, the 2018 Annual Ordinary General Meeting of Shareholders of CKP resolved to approve the purchase of shares in Yayaburi Power Company Limited ("XPCL") representing 7.5 percent of XPCL's registered capital, in the total amount of approximately Baht 2,065.00 Million, from BEM. The transaction price was concluded through negotiation between CKP and BEM and considered reasonable, based on the opinions of the independent financial advisors of the purchaser (CKP) and the seller (BEM) as proposed to the respective shareholders' meetings of both companies for consideration and approval.

Remark: <sup>2,3</sup> As at the Company's latest closing date of the share register for suspension of the share transfer on December 30, 2020.



## 5. Transaction of CKP with Xayaburi Power Company Limited (XPCL)

XPCL operates the Xayaburi Hydroelectric Power Plant in the Lao People's Democratic Republic. As at December 31, 2020, CKP was XPCL's major shareholder holding 37.50 percent of XPCL's registered capital, XPCL was then considered CKP's associated company. XPCL and CKP have five common directors, namely, (1) Dr. Thanong Bidaya, (2) Mr. Plew Trivisvavet, (3) Mr. Thanawat Trivisvavet, (4) Mr. David Van Dau, and (5) Mr. Vorapote Uchoepaiboonvong.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
<b>Project Management Income</b>				
• Project management income	158.27	149.10	119.87	XPCL executed an agreement engaging CKP to conduct management of the Xayaburi Hydroelectric Power Plant, provided that CKP shall support XPCL in terms of personnel with experience and expertise in management, provision of advice and support in other areas, such as, engineering consulting, personnel management, purchasing and procurement, financial management, accounting preparation, etc. The determination of the project management cost was concluded through negotiation and considered by the persons with the approval authority. Such cost was justifiable and reasonable due to its comparison and reference to wage rates for experienced personnel in the same industry.
• Other income	3.43	3.21	3.00	
• Trade receivables - associated company	14.33	14.79	11.38	
• Accrued income	-	0.18	0.07	
<b>Revenue from Extending Loan</b>				
• Loan	3,000.00	3,000.00	-	CKP executed the loan agreement with XPCL under the existing conditions specified in the Sponsors Support Agreement, at the same interest and repayment rates as those on Baht loans from the lending banks to XPCL, representing the normal lending conditions of the lending banks. XPCL shall repay such loan, together with interest, from the remaining cash after fulfilling the terms of the long-term loan agreement of the lending banks of XPCL.
• Interest income	166.92	33.94	-	
• Interest receivable	221.23	54.31	-	

## 6. Transactions of the Subsidiary with PT (Sole) Company Limited (PTS)

PTS engages in the business of investment in various types of businesses in the Lao People's Democratic Republic, with PTS having Dr. David Van Dau as its Managing Director. CKP and PTS have one common director, namely, Mr. David Van Dau.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
Implementation of EMP <sup>4</sup> and RAP <sup>5</sup> during Operation Phase for the people affected by the Nam Ngum 2 Hydroelectric Power Plant				
• Operating expenses	4.80	4.80	4.80	NN2 engaged PTS to carry out implementation of EMP, provide necessary food supplies and commodities for the people affected by the commercial operation of the Nam Ngum 2 Hydroelectric Power Plant and carry out implementation of RAP for their resettlement to Muang Fuang, including provision of occupational training to the people, which were in compliance with the Concession Agreement with the Government of the Lao PDR.
• Trade payables	5.47	3.53	7.95	
Implementation of EMP and RAP during Operation Phase (Para-Rubber Project) for the people affected by the Nam Ngum 2 Hydroelectric Power Plant				
• Operating expenses	-	-	13.00	NN2 engaged PTS to additionally provide occupational training and livelihood rehabilitation for the affected people who were resettled to Muang Fuang, by way of para-rubber plantation in the area allocated by the GOL throughout the concession period, which were in accordance with the obligations of the Concession Agreement.
• Trade payables	16.25	16.25	16.25	
• Retention payable	0.72	0.72	0.72	
Operating expenses				
• Administrative expenses	2.02	-	-	Expenses were related to work operations in liaising with various agencies in the Lao People's Democratic Republic, such as, travel expenses, hospitality expenses, etc., which were in the ordinary course of business.
• Other payables	1.51	-	-	

Remark: <sup>4</sup> EMP: Environmental Management Plan

<sup>5</sup> RAP: Resettlement Action Plan

## 7. Transactions of the Subsidiaries with RATCH Group Public Company Limited (RATCH)

RATCH is a holding company that leads the RATCH group in setting out the direction of operations and various strategies in conformity with the target of business development and expansion by focusing on investments in the electricity production business and related businesses. RATCH is SEAN's major shareholder since RATCH holds shares in SEAN representing 33.33 percent of the registered capital in SEAN, CKP's subsidiary, and RATCH is also CKP's related company. CKP and RATCH have no common director.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
Engagement of Consultant for Operation and Maintenance of the Nam Ngum 2 Hydroelectric Power Plant				
• O&M consulting service charges	25.00	25.00	25.00	NN2, as SEAN's subsidiary, entered into an Operation and Maintenance Consulting Service Agreement of Nam Ngum 2 Hydroelectric Power Plant with RATCH. Such Agreement specifies that RATCH shall serve as Project Consultant in respect of project development, contract documents, technical and construction advice, purchasing of parts, equipment, and other items related to the business. The Agreement would end upon the expiry of the Power Purchase Agreement or when the rate of return value is not lower than that agreed in the Agreement, whichever occurs first. The determination of consideration of such Agreement was concluded through negotiation and considered by the persons with the approval authority. Such price was justifiable and reasonable due to its comparison and reference to wage rates for experienced personnel in the same industry.

## 8. Transaction of the Subsidiary with Global Power Synergy Public Company Limited (GPSC) and PTT Public Company Limited (PTT)

GPSC is a company in the PTT group. Its core business is to produce and sell electricity, steam and industrial water to industrial customers and the Electricity Generating Authority of Thailand (EGAT). GPSC holds shares in BIC representing 25 percent of BIC's registered capital, as a result, GPSC is one of BIC's major shareholders, and GPSC is considered CKP's related company. CKP and GPSC have no common director.

PTT engages in the petroleum business and other businesses in relation to or in support of the petroleum business, as well as investments in companies engaging in the petroleum-related business. PTT holds shares representing 22.81<sup>6</sup> percent of GPSC's registered capital, as a result, PTT is one of GPSC's major shareholders, and PTT is considered CKP's related company. CKP and PTT have no common director.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
Natural Gas Purchase with PTT				
• Natural gas cost	2,948.42	3,334.15	3,163.16	BIC executed two Natural Gas Purchase Agreements with PTT (for Bangpa-in Cogeneration Power Plant 1 and Bangpa-in Cogeneration Power Plant 2). Such Agreements were in standard agreement format for sale of natural gas to all Small Power Producers (SPP) Projects, for a term of 25 years from the date of commercial use of natural gas. In addition, the Agreements specified a minimum purchase from PTT at not less than 85 percent of the total volume of natural gas for the whole year as calculated from the formula specified in the Agreements. The prices under the Agreements were subject to normal commercial conditions as PTT sold to all other power plants of the same nature.
• Trade payables	230.48	262.60	302.01	

Remark: <sup>6</sup> As at the closing date of the share register for suspension of the share transfer on September 2, 2020 from [www.set.or.th](http://www.set.or.th).

## 9. Transactions of CKP and the Subsidiary with Bang Pa-in Land Development Co., Ltd. (BLDC)

BLDC engages in the businesses of operation of the Bang Pa-in Industrial Estate, sale of areas in the Bang Pa-in Industrial Estate, management and service provision of certain utilities within the Bang Pa-in Industrial Estate. The Bang Pa-in Industrial Estate is located at Km. 4, Udom-sorayuth Road (Highway Route No. 308) separated from Asian Highway (Highway Route No. 32) in the vicinity of Moo 2, Tambon Khlong Chik, and Moo 16, Tambon Bang Krasan, Amphoe Bang Pa-in, Phra Nakhon Si Ayutthaya Province. BLDC and CKP have two common directors, namely, (1) Mr. Plew Trivisvavet; and (2) Dr. Supamas Trivisvavet; therefore, BLDC is considered CKP's related company.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	

### Lease of Area in Industrial Estate for Gas Pipeline Installation

• Land rental	-	0.22	0.22	BIC took on lease of land from BLDC for various utilizations, with the purposes for construction, expansion, utilization, maintenance and repair services of the pipeline system (natural gas pipeline), as natural gas is BIC's main raw material. The land rental was at the price normally charged by BLDC to lessees for similar utilization of land in adjacent area.
• Interest expense under the lease agreement	0.10	-	-	
• Lease liabilities	3.92	-	-	

Lease of Area in Industrial Estate for Steam Pipeline Installation and Installation of Power Poles				
• Land rental	-	1.32	1.32	BIC took on lease of land from BLDC for installation of power poles of the 22 kV transmission line; and for steam pipeline installation for sale of electricity and steam produced to customers within the Bang Pa-in Industrial Estate. The land rental was at the price normally charged by BLDC to lessees for similar utilization of land in adjacent area.
• Interest expense under the lease agreement	0.58	-	-	
• Lease liabilities	22.58	-	-	

### Lease of Area for Installation of the 115 kV Underground Transmission Lines

• Land rental	-	0.90	0.90	BIC took on lease of land from BLDC for installation of the 115 kV underground transmission lines for sale of electricity produced to customers within the Bang Pa-in Industrial Estate. The land rental was at the price normally charged by BLDC to lessees for similar utilization of land in adjacent area.
• Interest expense under the lease agreement	0.56	-	-	
• Lease liabilities	22.67	-	-	

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
Memorandum of Agreement for Use of Area for Installation of the Air Quality Monitoring Station (AQMs)				
• Land rental	-	0.03	0.03	BIC took on lease of land from BLDC for installation of the Automatic Air Quality Monitoring Station (AQMs). The land rental was at the price normally charged by BLDC to lessees for similar utilization of land in adjacent area.
• Interest expenses under the lease agreement	0.02	-	-	
• Lease liabilities	0.77	-	-	
• Trade payables	-	0.01	-	
• Retention payable	0.01	0.01	0.01	
Memorandum of Agreement for Use of Area for Installation of the 22 kV Transmission Line				
• Land rental	-	2.22	2.22	BIC took on lease of land from BLDC for installation of the 22 kV transmission line for sale of electricity produced to customers within the Bang Pa-in Industrial Estate. The land rental was at the price normally charged by BLDC to lessees for similar utilization of land in adjacent area.
• Interest expense under the lease agreement	1.38	-	-	
• Lease liabilities	56.00	-	-	
Facility Maintenance Cost and Utility Fee				
• Service fee	0.75	0.70	0.70	BIC engaged BLDC to carry out maintenance, supply of facilities and service provision of utilities. The service fee was charged at the rate in accordance with the Notification of the Industrial Estate Authority of Thailand. BLDC would collect the service fee at such rate from all operators within the Bang Pa-in Industrial Estate.
• Trade or other payables	0.06	0.06	0.06	
Memorandum of Agreement on Payment for Floodwalls of the Bang Pa-in Industrial Estate				
• Service fee	0.85	0.85	0.64	BIC entered into the Memorandum of Agreement on Payment for Floodwalls of the Bang Pa-in Industrial Estate, for a period of 10 years, commencing from April 2018 to March 2028. The service fee was based on the prices charged by BLDC to BLDC's customers within the Industrial Estate.
• Trade payables	0.08	0.08	0.08	

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
Lease of Area in industrial Estate for Office Building and Staff Housing <ul style="list-style-type: none"> <li>Retention payable</li> </ul>	0.68	0.68	0.68	BIC had entered into a land lease agreement for the purpose of building an office and temporary staff housing during the construction phase of Bangpa-in Cogeneration Power Plant 2, for a period of 32 months from January 1, 2015 to August 31, 2017. Currently, the construction had been completed and the structures were then demolished and such area was already returned to BLDC.

#### 10. Transactions of the Subsidiary with the Government of the Lao People's Democratic Republic (GOL)

GOL granted a concession for the Nam Ngum 2 Hydroelectric Power Plant to SEAN (which subsequently transferred the Concession Agreement to NN2), for a concession period of 25 years from the Commercial Operation Date. NN2 is obliged to pay the royalty fee and taxes to GOL as per the time and rates specified in the Concession Agreement. NN2 began making payment of the royalty fee to GOL on the Initial Operation Date (March 26, 2011). GOL is a shareholder of Electricité du Laos (EdL). EdL holds 51 percent of shares in EDL-Generation Public Company (EDL-Gen) and EDL-Gen holds 25 percent of the registered capital in NN2, subsidiary of SEAN, which in turn is CKP's subsidiary. GOL is then considered CKP's related party. CKP and GOL have no common director.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
<b>Royalty Fee Payment</b>				
<ul style="list-style-type: none"> <li>Royalty fee paid under the Concession Agreement</li> </ul>	59.59	104.85	133.11	NN2 was required to pay the royalty fee at the specified rates to GOL. The execution of such concession was reasonable, as the execution of such Agreement was made with the governmental sector of the Lao People's Democratic Republic, subject to clear pricing regulations and practices, and was already considered and approved by the persons with the approval authority of NN2.
<ul style="list-style-type: none"> <li>Trade payables</li> </ul>	31.91	41.23	88.10	



Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
Tax				
• Tax	(20.05)	11.90	44.29	NN2 has an obligation to pay tax to GOL in accordance with the Concession Agreement from the Initial Operation Date (March 26, 2011) until the end of the concession period of the Nam Ngum 2 Hydroelectric Power Plant. NN2 was granted exemption from income tax for the first five years from the Initial Operation Date. NN2 started paying tax to GOL from March 27, 2016. The tax losses are available for offset with future profit within three years.
• Tax payable	-	-	10.06	
• Tax receivable	1.34	1.34	-	
• Deferred tax assets	20.05	-	-	

#### Finance Lease Agreement

##### -Nabong Substation

• Interest income under the finance lease agreement	344.73	351.81	-	On August 1, 2019, NN2 signed the agreement for the upgrade and lease of the Nabong Substation with the GOL, under which the GOL shall take a lease of all assets of the Nabong Substation from NN2, at the rental rate specified in the agreement, with effect from January 1, 2019 to the end of the concession period of the Nam Ngum 2 Hydroelectric Power Plant; and on the same date, NN2 signed the Nabong Interconnection and Transmission Agreement with the Government of the Lao People's Democratic Republic, at the rate of wheeling charge specified in the agreement, with effect from January 1, 2019 to the end of the concession period of the Nam Ngum 2 Hydroelectric Power Plant.
• Management income	4.80	4.80	-	
• Wheeling charge	119.18	216.89	-	
• Interest expenses under the lease agreement	0.74	-	-	
• Lease receivable	3,831.18	3,859.79	-	
• Other receivables	184.30	81.56	-	
• Lease liabilities	25.16	-	-	



### 11. Transactions of the Subsidiary with Electricité du Laos (EdL)

EdL, as a state enterprise under the Ministry for Energy and Mines of the Lao People's Democratic Republic, engages in the core business of production, supply, and distribution of electricity in the Lao People's Democratic Republic, and also imports and exports electricity. Moreover, EdL has the duty to develop power projects, including hydroelectric power projects of the Lao People's Democratic Republic. EdL is EDL-Gen's major shareholder, holding 51 percent of shares in EDL-Gen, and EDL-Gen is NN2's major shareholder, holding 25 percent of the registered capital in NN2, subsidiary of SEAN, which in turn is CKP's subsidiary. EdL and CKP have no common director.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
<b>Operation and Maintenance Services of Nabong Substation and Transmission Systems</b> <ul style="list-style-type: none"> <li>Service fee under the Agreement on O&amp;M of Nabong Substation and Transmission Systems</li> <li>Trade payables</li> </ul>	12.23	11.80	18.86	NN2 engaged EdL to provide operation and maintenance services of the Nabong Substation and Transmission Systems from the project to the delivery point, namely, the 230 kV Transmission Line from the project to the Nabong Substation, and the 500 kV Transmission Line from the Nabong Substation to the delivery point in the middle of the Mekong River. EdL had expertise in the transmission systems of the Lao People's Democratic Republic, and the execution of such Agreement was made with the governmental sector of the Lao People's Democratic Republic, subject to clear pricing regulations and practices, and was already considered and approved by the persons with the approval authority of NN2.
	0.97	4.30	1.58	
<b>Assignment of EdL's Staff to Perform Work for NN2</b> <ul style="list-style-type: none"> <li>Administrative expenses</li> <li>Trade payables</li> </ul>	1.21	1.14	1.14	EdL, the major shareholder of EDL-Gen, assigned one staff member to perform work for NN2 in the position of General Manager - General Affair, with the duties to supervise works relating to the Transmission Systems of the Nabong Substation, effective from November 1, 2016. NN2 would pay the monthly service fee to EdL in the amount as agreed upon between EdL and NN2.
	0.20	0.10	0.10	
<b>Office Expense</b> <ul style="list-style-type: none"> <li>Administrative expenses</li> <li>Other payables</li> </ul>	0.13	0.15	0.13	Office expense comprises electricity fee for the offices in the Lao People's Democratic Republic at the normal rates charged by GOL to general customers.
	0.02	0.01	-	

## 12. Transactions of the Subsidiary with the Electricity Generating Authority of Thailand (EGAT)

EGAT is RATCH's major shareholder holding 45 percent of the registered capital of RATCH, and RATCH holds shares representing 33.33 percent of the registered capital of SEAN, CKP's subsidiary. Therefore, EGAT is considered CKP's related company. EGAT and CKP have no common director.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
Power Purchase Agreement between NN2 and EGAT				
• Revenue from sales of electricity	1,716.60	3,048.03	3,949.29	NN2 sold electricity to EGAT at the price and in the volume under the conditions specified in the Power Purchase Agreement (PPA) between NN2 and EGAT, for the PPA period of 25 years from COD.
• Costs of import energy	18.51	17.01	12.46	
• Trade receivables	131.54	416.60	461.68	
• Other income	0.06	0.09	0.01	
• Other receivables	0.11	0.15	0.16	
• Other long-term liabilities	309.86	289.60	270.75	
Lump-Sum Fee under the Operation and Maintenance Subcontract Agreement (OMA) <sup>7</sup> of the Nam Ngum 2 Hydroelectric Power Plant				NN2 engaged EGAT to make arrangements relating to operation and maintenance of the Nam Ngum 2 Hydroelectric Power Plant. The execution of the Subcontract Agreement was reasonable. The contract price was in accordance with the negotiated conditions and the clear pricing regulations and practices of EGAT.
• Contract price	112.90	109.61	106.87	
• Trade payables	12.75	9.13	8.87	
Lump-Sum Fee under the Major Maintenance Agreement Subcontract Agreement (MMA) <sup>8</sup> of the Nam Ngum 2 Hydroelectric Power Plant				NN2 engaged EGAT to make arrangements relating to operation and maintenance of the Nam Ngum 2 Hydroelectric Power Plant. The execution of the Subcontract Agreement was reasonable. The contract price was in accordance with the negotiated conditions and the clear pricing regulations and practices of EGAT.
• Contract price	44.02	21.37	52.54	
• Trade payables	3.67	3.56	4.38	

Remarks: <sup>7</sup> OMA: Subcontract Agreement on Operation and Maintenance

<sup>8</sup> MMA: Subcontract Agreement on Major Maintenance Services

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
<b>Other Maintenance Costs</b> <ul style="list-style-type: none"> <li>Maintenance cost</li> <li>Trade payables</li> </ul>	0.69	0.59	1.64	NN2 engaged EGAT to carry out maintenance works other than those under the OMA and the MMA contracts. Such costs were in accordance with the negotiated conditions and the clear pricing regulations and practices of EGAT.
	-	-	0.36	
<b>Other Maintenance Costs related to Partial Overhaul</b> <ul style="list-style-type: none"> <li>Cost</li> <li>Trade payables</li> </ul>	-	-	1.95	NN2 engaged EGAT to additionally conduct the Partial Overhaul in 2018. Such cost was in accordance with the negotiated conditions and the clear pricing regulations and practices of EGAT.
	-	-	1.95	
<b>Expenses for Communication Work under the Power Purchase Agreement</b> <ul style="list-style-type: none"> <li>Cost</li> </ul>	0.89	-	0.75	NN2 entered into the agreement with EGAT for use of the direct inward dialing service for communication of EGAT staff. NN2 is to consider the necessity for renewal of the agreement on an annual basis.
<b>Lump-Sum Fee for Operation and Maintenance of the 230/500 kV Nabong Substation</b> <ul style="list-style-type: none"> <li>Operating cost</li> <li>Trade payables</li> <li>Other payables</li> </ul>	2.02	-	15.28	NN2 engaged EGAT to make arrangements relating to operation and maintenance of the Nabong Substation. The contract price was in accordance with the negotiated conditions and the clear pricing regulations and practices of EGAT.
	-	3.49	-	
	-	-	2.16	

### 13. Transactions of CKP with Luang Prabang Power Company Limited (LPCL)

On November 11, 2020, the Board of Directors of CKP resolved to approve the acquisition of LPCL's shares representing 42.00 percent of LPCL's registered capital from PT (Sole) Company Limited (PTS), with PTS having the Managing Director and major shareholder as CKP's director, namely, Mr. David Van Dau. As at December 31, 2020, CKP and LPCL had five common directors, namely (1) Dr. Thanong Bidaya, (2) Mr. Plew Trivisvavet, (3) Mr. Thanawat Trivisvavet, (4) Mr. David Van Dau, and (5) Mr. Vorapote Uchoepaiboonvong.

Transaction	Transaction Volume (Million Baht)			Transaction Nature/Necessity and Justification
	Accounting Period Ended December 31, 2020	Accounting Period Ended December 31, 2019	Accounting Period Ended December 31, 2018	
Investments in LPCL				
• Investments in associated company	12.82	-	-	The acquisition of LPCL’s ordinary shares to develop the Luang Prabang Hydroelectric Power Project in the Lao People’s Democratic Republic represented the investments for the purpose of expansion of the electricity production and distribution business, CKP’s core business. The transaction price was reasonable and in the best interest of the Company.
Project Management Income				
• Project management income	5.00	-	-	LPCL entered into an agreement engaging CKP to conduct management of the Luang Prabang Hydroelectric Power Project, provided that CKP shall support LPCL in terms of personnel with experience and expertise in management, provision of advice and support in other areas, such as, engineering consulting, personnel management, purchasing and procurement, financial management, accounting preparation, etc. The determination of the project management cost was concluded through negotiation and considered by the persons with the approval authority. Such cost was justifiable and reasonable due to its comparison and reference to wage rates for experienced personnel in the same industry.
• Accrued income	5.00	-	-	

# FINANCIAL POSITION AND OPERATIONAL PERFORMANCE

03



# FINANCIAL POSITION AND OPERATIONAL PERFORMANCE

## Financial Highlights

### Financial Statements

Summary of the auditor's report on the financial statements for the year ended 31 December 2020

The auditor's report of the consolidated financial statements of the Company and its subsidiaries and the separate financial statement of the Company for the year ended 31 December 2020, which were audited by Mr. Chatchai Kasemsrithanawat, Certified Public Accountant No. 5813 of EY Office Limited as approved by the Office of the Securities and Exchange Commission, expressed an unqualified opinion on the financial statements. The report also highlighted key audit matters consisting of the investments in subsidiaries and jointly controlled entities. The financial statements present fairly, in all material respects, the financial position of the Company and its subsidiaries and of the separate Company as at 31 December 2020, their financial performance and cash flows for the year ended in accordance with Thai Financial Reporting Standards.





### Summary of Financial Statements

The resented financial statements comprising the audited statement of financial position, statement of comprehensive income and cash flow statement for the year ended 31 December 2020 compared with the audited financial statements for the years ended 31 December 2019 and 2018 are shown as follows:



- Statements of financial position

Description	Consolidated financial statements (Unit: Baht)					
	2018		2019		2020	
	Amount	%	Amount	%	Amount	%
<b>Assets</b>						
<b>Current assets</b>						
Cash and cash equivalents	2,586,577,697	4.1	4,214,184,164	6.6	8,899,070,502	13.3
Short-term restricted bank deposits	507,165,600	0.8	-	-	-	-
Current investments	1,647,791,836	2.6	694,854,506	1.1	-	-
Trade and other receivables	1,313,450,266	2.1	1,292,196,206	2.0	1,054,439,611	1.6
Current portion of finance lease receivable – related party	-	-	87,265,115	0.1	153,746,218	0.2
Spare parts and supplies	61,817,692	0.1	61,473,814	0.1	60,857,672	0.1
Other current financial assets	-	-	-	-	1,517,045	0.0
Refundable input tax	65,395,684	0.1	7,645,773	0.0	305,186	0.0
Other current assets	90,451,581	0.1	248,616,077	0.4	396,457,899	0.6
<b>Total current assets</b>	<b>6,272,650,356</b>	<b>10.0</b>	<b>6,606,235,655</b>	<b>10.3</b>	<b>10,566,394,133</b>	<b>15.8</b>
<b>Non-current assets</b>						
Long-term restricted bank deposits	1,034,530,094	1.7	459,335,947	0.7	459,574,027	0.7
Long-term loans to associated company and interest receivable	-	-	3,054,308,219	4.8	3,221,229,452	4.8
Finance lease receivable – related party, net of current portion	-	-	3,772,521,935	5.9	3,677,435,521	5.5
Investments in jointly controlled entities	319,665,842	0.5	343,735,530	0.5	356,827,929	0.5
Investments in associated companies	11,154,499,380	17.8	11,971,263,062	18.6	12,353,789,560	18.4
Right to produce and sell electricity - Equity attributable to owners of the Company	4,282,493,769	6.9	4,387,131,688	6.8	4,126,196,192	6.2
Right to produce and sell electricity - Non-controlling interests of the subsidiaries	5,484,217,972	8.8	4,858,296,229	7.6	4,597,947,902	6.9
Project costs during construction phase	3,075,480,261	4.9	105,057,547	0.2	14,186,000	0.0
Assets of hydroelectric power project under concession agreement	21,096,265,056	33.8	19,108,398,692	29.8	18,082,605,400	27.0
Property, plant and equipment	9,483,396,592	15.2	9,246,964,400	14.4	8,919,433,627	13.3
Right-of-use assets	-	-	-	-	386,221,583	0.6
Intangible assets	93,684,692	0.1	83,720,684	0.1	74,947,102	0.1
Deferred tax asset	113,859	0.0	-	-	20,053,318	0.0
Other non-current assets	206,104,304	0.3	193,960,183	0.3	181,609,037	0.3
<b>Total non-current assets</b>	<b>56,230,451,821</b>	<b>90.0</b>	<b>57,584,694,116</b>	<b>89.7</b>	<b>56,472,056,650</b>	<b>84.2</b>
<b>Total assets</b>	<b>62,503,102,177</b>	<b>100.0</b>	<b>64,190,929,771</b>	<b>100.0</b>	<b>67,038,450,783</b>	<b>100.0</b>

Description	Consolidated financial statements (Unit: Baht)					
	2018		2019		2020	
	Amount	%	Amount	%	Amount	%
<b><u>Liabilities and shareholders' equity</u></b>						
<b><u>Current liabilities</u></b>						
Trade and other payables	875,620,455	1.4	690,088,222	1.1	620,000,253	0.9
Current portion of lease liabilities	-	-	-	-	31,554,262	0.0
Current portion of long-term loans from financial institutions	1,519,657,611	2.4	522,494,325	0.8	544,789,275	0.8
Current portion debentures	-	-	2,100,000,000	3.3	4,999,362,074	7.5
Income tax payable	10,325,541	0.0	170,779	0.0	2,682,615	0.0
Retention payable	1,478,077	0.0	1,647,613	0.0	1,316,905	0.0
Other current liabilities	80,632,479	0.1	79,350,431	0.1	75,510,496	0.1
<b>Total current liabilities</b>	<b>2,487,714,163</b>	<b>4.0</b>	<b>3,393,751,370</b>	<b>5.3</b>	<b>6,275,215,880</b>	<b>9.4</b>
<b><u>Non-current liabilities</u></b>						
Long-term loans from financial institutions, net of current portion	12,732,914,091	20.4	6,178,407,594	9.6	5,637,603,846	8.4
Debentures, net of current portion	15,428,902,210	24.7	18,709,860,714	29.1	19,323,681,690	28.8
Lease liabilities, net of current portion	-	-	-	-	362,598,752	0.5
Derivative financial liabilities	7,937,056	0.0	-	-	-	-
Provision for long-term employee benefits	52,883,302	0.1	64,538,746	0.1	83,123,032	0.1
Provision for decommissioning	-	-	8,064,827	0.0	8,382,637	0.0
Other long-term liabilities – related party	270,752,440	0.4	289,602,186	0.5	309,857,421	0.5
<b>Total non-current liabilities</b>	<b>28,493,389,099</b>	<b>45.6</b>	<b>25,250,474,067</b>	<b>39.3</b>	<b>25,725,247,378</b>	<b>38.4</b>
<b>Total liabilities</b>	<b>30,981,103,262</b>	<b>49.6</b>	<b>28,644,225,437</b>	<b>44.6</b>	<b>32,000,463,258</b>	<b>47.7</b>

Description	Consolidated financial statements (Unit: Baht)					
	2018		2019		2020	
	Amount	%	Amount	%	Amount	%
<b>Shareholder's equity</b>						
<b>Registered capital</b>	<b>9,240,000,000</b>	<b>14.8</b>	<b>9,240,000,000</b>	<b>14.4</b>	<b>9,240,000,000</b>	<b>13.8</b>
Issued and fully paid up	7,370,000,000	11.8	8,129,382,039	12.7	8,129,382,729	12.1
Share premium	9,522,332,101	15.2	13,319,242,296	20.7	13,319,245,746	19.9
Retained earnings						
Appropriated – statutory reserve	107,480,923	0.2	135,968,184	0.2	167,134,494	0.2
Unappropriated	1,101,156,516	1.8	1,635,211,021	2.5	1,785,754,588	2.7
Other components of shareholders' equity	232,457,595	0.4	328,879,305	0.5	372,897,000	0.6
<b>Equity attributable to owners of the Company</b>	<b>18,333,427,135</b>	<b>29.3</b>	<b>23,548,682,845</b>	<b>36.7</b>	<b>23,774,414,557</b>	<b>35.5</b>
Non-controlling interests of the subsidiaries	13,188,571,780	21.1	11,998,021,489	18.7	11,263,572,968	16.8
<b>Total shareholders' equity</b>	<b>31,521,998,915</b>	<b>50.4</b>	<b>35,546,704,334</b>	<b>55.4</b>	<b>35,037,987,525</b>	<b>52.3</b>
<b>Total liabilities and shareholders' equity</b>	<b>62,503,102,177</b>	<b>100.0</b>	<b>64,190,929,771</b>	<b>100.0</b>	<b>67,038,450,783</b>	<b>100.0</b>

- Statements of comprehensive income

Description	Consolidated financial statements (Unit: Baht)					
	2018		2019		2020	
	Amount	%	Amount	%	Amount	%
Revenue from sales						
Revenue from sales of electricity and steam	8,852,227,341	97.1	8,127,561,349	91.9	6,427,885,532	89.4
Revenue from sales of electricity – electricity tariff adders	97,696,320	1.1	95,427,840	1.1	99,096,000	1.4
Project management income	119,872,867	1.3	153,896,815	1.7	168,073,159	2.3
Other income						
Gain on exchange	1,662,393	0.0	2,296,842	0.0	10,823,109	0.2
Finance income	19,220,526	0.2	413,532,653	4.7	474,222,610	6.6
Others	25,783,622	0.3	49,788,981	0.6	8,217,091	0.1
<b>Total revenues</b>	<b>9,116,463,069</b>	<b>100.0</b>	<b>8,842,504,480</b>	<b>100.0</b>	<b>7,188,317,501</b>	<b>100.0</b>
Cost of sales						
Cost of sales of electricity and steam	5,538,925,319	60.8	5,964,821,158	67.5	5,380,048,918	74.8
Amortization of right to produce and sell electricity	521,283,824	5.7	521,283,824	5.9	521,283,824	7.3
Cost of project management	88,435,523	1.0	90,772,698	1.0	88,549,669	1.2
Administrative expenses	465,145,790	5.1	442,336,300	5.0	427,675,145	5.9
<b>Total expenses</b>	<b>6,613,790,456</b>	<b>72.5</b>	<b>7,019,213,980</b>	<b>79.4</b>	<b>6,417,557,556</b>	<b>89.3</b>
<b>Profit before share of profit (loss) from investments in jointly controlled entities and associated companies, finance cost and income tax</b>	<b>2,502,672,613</b>	<b>27.5</b>	<b>1,823,290,500</b>	<b>20.6</b>	<b>770,759,945</b>	<b>10.7</b>
Share of profit from investments in jointly controlled entities	40,320,085	0.4	40,869,688	0.5	40,692,399	0.6
Share of profit (loss) from investments in associated companies	(33,650,551)	(0.4)	392,234,624	4.4	366,701,923	5.1
<b>Profit before finance cost and income tax</b>	<b>2,509,342,147</b>	<b>27.5</b>	<b>2,256,394,812</b>	<b>25.5</b>	<b>1,178,154,267</b>	<b>16.4</b>
Finance cost	1,100,426,415	12.1	1,161,294,032	13.1	996,360,515	13.9
Tax (income) expenses	44,859,885	15.5	12,277,780	0.1	(15,912,220)	(0.2)
<b>Profit for the year</b>	<b>1,364,055,847</b>	<b>15.0</b>	<b>1,082,823,000</b>	<b>12.2</b>	<b>197,705,972</b>	<b>2.8</b>

Description	Consolidated financial statements (Unit: Baht)					
	2018		2019		2020	
	Amount	%	Amount	%	Amount	%
<b>Other comprehensive income:</b>						
<i>Other comprehensive income to be reclassified to profit or loss in subsequent periods</i>						
Gain (loss) on changes in value of available-for-sale investments	3,774,412	0.0	(19,185,248)	(0.2)	-	-
Unrealized gain from cash flow hedges	164,814,963	1.8	9,063,166	0.1	-	-
Less: Income tax effect	(2,517,743)	(0.0)	(113,859)	(0.0)	-	-
Share of other comprehensive income from associate	77,633,970	0.9	(36,579,484)	(0.4)	68,804,990	1.0
<b>Other comprehensive income to be reclassified to profit or loss in subsequent periods – net of income tax</b>	<b>243,705,602</b>	<b>2.7</b>	<b>(46,815,425)</b>	<b>(0.5)</b>	<b>68,804,990</b>	<b>1.0</b>
<i>Other comprehensive income not to be reclassified to profit or loss in subsequent periods</i>						
Actuarial gain	-	-	-	-	1,895,117	0.0
Share of other comprehensive income from associate	-	-	-	-	(3,209,652)	(0.0)
<b>Other comprehensive income not to be reclassified to profit or loss in subsequent periods</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(1,314,535)</b>	<b>(0.0)</b>
<b>Other comprehensive income for the year</b>	<b>243,705,602</b>	<b>2.7</b>	<b>(46,815,425)</b>	<b>(0.5)</b>	<b>67,490,455</b>	<b>0.9</b>
<b>Total comprehensive income for the year</b>	<b>1,607,761,449</b>	<b>17.6</b>	<b>1,036,007,575</b>	<b>11.7</b>	<b>265,196,427</b>	<b>3.7</b>
<b>Profit attributable to</b>						
Equity holders of the Company	599,068,450	6.6	768,901,766	8.7	404,714,326	5.6
Non-controlling interests of the subsidiaries	764,987,397	8.4	313,921,234	3.6	(207,008,354)	(2.9)
	<b>1,364,055,847</b>	<b>15.0</b>	<b>1,082,823,000</b>	<b>12.2</b>	<b>197,705,972</b>	<b>2.8</b>
<b>Total comprehensive income attributable to</b>						
Equity holders of the Company	750,657,819	8.2	716,830,284	8.1	469,609,033	6.5
Non-controlling interests of the subsidiaries	857,103,630	9.4	319,177,291	3.6	(204,412,606)	(2.8)
	<b>1,607,761,449</b>	<b>17.6</b>	<b>1,036,007,575</b>	<b>11.7</b>	<b>265,196,427</b>	<b>3.7</b>

- Cash flow statements

Description	Consolidated financial statements (Unit: Baht)		
	2018	2019	2020
<b>Cash flows from operating activities</b>			
Profit before tax	1,408,915,732	1,095,100,780	181,793,752
Adjustments to reconcile profit before tax to net cash provided by (paid from) operating activities			
Depreciation and amortization	1,553,597,442	1,517,820,856	1,560,758,654
Share of profit from investments in jointly controlled entities	(40,320,085)	(40,869,688)	(40,692,399)
Share of (profit) loss from investments in associated companies	33,650,551	(392,234,624)	(366,701,923)
Loss on write-off of assets of hydroelectric power project under concession agreement	7,373,958	-	-
Loss on sales/write-off of equipment and intangible assets	2,169,955	3,846,903	635,492
Unrealized loss (gain) on exchange	15,494,079	(1,375,155)	653,333
Gain on disposal of other current financial assets	-	-	(3,434,387)
Unrealised gain from fair value measurement of other current financial assets	-	-	(4,824)
Amortization of interest rate reduction fee and debenture issuing costs	11,399,205	32,277,979	25,142,897
Amortization of right to produce and sell electricity	521,283,824	521,283,824	521,283,824
Finance income	-	(385,752,226)	(453,777,960)
Finance cost	1,078,735,111	871,694,329	955,887,816
Provision for long-term employee benefits	11,471,934	14,330,378	25,134,693
<b>Profit from operating activities before changes in operating assets and liabilities</b>	<b>4,603,771,706</b>	<b>3,236,123,356</b>	<b>2,406,678,968</b>
Operating assets (increase) decrease			
Trade and other receivables	(153,098,940)	22,563,719	237,629,739
Spare parts and supplies	(14,481,777)	(358,040)	616,142
Other current assets	200,381,279	169,770,898	(149,414,665)
Other non-current assets	(39,658,908)	3,966,915	4,173,940
Operating liabilities increase (decrease)			
Trade and other payables	(162,711,662)	(58,967,752)	(27,296,710)
Retention payable	773,997	169,536	(330,708)
Other current liabilities	20,714,491	(1,282,048)	(3,839,937)
Long-term employee benefit expenses	(2,007,800)	(2,674,934)	(4,655,290)
Other long-term liabilities - related party	73,116,718	-	-
<b>Cash flows from operating activities</b>	<b>4,526,799,104</b>	<b>3,369,311,650</b>	<b>2,463,561,479</b>



Description	Consolidated financial statements (Unit: Baht)		
	2018	2019	2020
Cash paid for interest expenses	(205,570,007)	(219,488,422)	(215,087,925)
Cash paid for corporate income tax	(38,104,298)	(25,245,114)	(3,207,184)
<b>Net cash flows from operating activities</b>	<b>4,283,124,799</b>	<b>3,124,578,114</b>	<b>2,245,266,370</b>
<b><u>Cash flows from investing activities</u></b>			
Decrease (increase) in short-term restricted bank deposits	(157,372,583)	507,165,600	-
Decrease (increase) in long-term restricted bank deposits	(57,634,169)	575,194,147	(238,080)
Decrease in current investments	622,919,311	933,752,082	-
Proceeds from sales of other current financial assets	-	-	696,776,672
Decrease in finance lease receivable – related party	-	432,000,000	373,340,197
Increase in long-term loans to associated company	-	(3,000,000,000)	-
Increase in investments in subsidiary	-	(681,464,240)	-
Increase in investments in associated companies	(3,274,654,000)	(481,474,125)	(12,824,700)
Increase in project costs during construction phase	(469,094,275)	(171,427,302)	(47,855,542)
Increase in assets of hydroelectric power project under concession agreement	(10,287,774)	-	-
Increase in plant and equipment	(103,505,350)	(74,634,544)	(52,898,417)
Proceeds from sales of equipment	1,916,982	6,140,636	3,501,894
Interest received	-	-	4,717,305
Increase in intangible assets	(44,904,792)	(969,900)	(2,523,472)
Dividends income from jointly controlled entities	12,000,000	16,800,000	27,600,000
Cash paid for interest capitalized as part of project costs during construction phase	(150,877,917)	(4,122,915)	(2,805,164)
<b>Net cash flows from (used in) investing activities</b>	<b>(3,631,494,567)</b>	<b>(1,943,040,561)</b>	<b>986,790,693</b>

Description	Consolidated financial statements (Unit: Baht)		
	2018	2019	2020
<b><u>Cash flows from financing activities</u></b>			
Decrease in non-controlling interests of the subsidiary	(1,625)	-	-
Decrease in long-term loans from financial institutions	(4,164,644,863)	(7,812,120,374)	(522,494,325)
Payment of principal portion of lease liabilities	-	-	(29,613,703)
Cash paid for interest on lease liabilities	-	-	(9,330,200)
Cash receipt from issuance of debentures	9,500,000,000	6,000,000,000	5,600,000,000
Repayment of debentures	(4,000,000,000)	(600,000,000)	(2,100,000,000)
Cash paid for loan arrangement fee	(206,443)	-	-
Cash paid for issuance of debentures	(31,172,527)	(39,460,111)	(7,974,321)
Cash paid for interest expenses	(814,595,901)	(772,740,877)	(703,297,809)
Dividend payment	(165,643,460)	(206,360,000)	(243,881,461)
Dividend payment of the subsidiaries	(578,637,121)	(679,770,150)	(530,035,913)
Cash received from exercise of warrants	-	4,556,292,234	4,140
<b>Net cash flows from (used in) financing activities</b>	<b>(254,901,940)</b>	<b>445,840,722</b>	<b>1,453,376,408</b>
Effect of exchange rate changes on cash and cash equivalents	(7,631,112)	228,192	(547,133)
<b>Net increase in cash and cash equivalents</b>	<b>389,097,180</b>	<b>1,627,606,467</b>	<b>4,684,886,338</b>
Cash and cash equivalents at beginning of year	2,197,480,517	2,586,577,697	4,214,184,164
<b>Cash and cash equivalent at end of year</b>	<b>2,586,577,697</b>	<b>4,214,184,164</b>	<b>8,899,070,502</b>

- Significant financial ratios

Description	Consolidated financial statements		
	2018	2019	2020
<b><u>Profitability ratio</u></b>			
Gross profit margin (%)	32.5	25.6	16.5
EBITDA margin (%) <sup>(1)(2)</sup>	50.3	42.1	45.4
Net profit margin (%) <sup>(1)(2)</sup>	6.6	2.2	5.6
Earnings per share (Baht) <sup>(2)</sup>	0.081	0.025	0.050
<b><u>Financial policy ratio</u></b>			
Total liabilities to total shareholders' equity ratio (times)	0.98	0.81	0.91
Net interest-bearing debt to total shareholder' equity ratio (times)	0.76	0.62	0.60
Return on equity ratio (%) <sup>(2)</sup>	3.3	0.9	1.7
Return on assets ratio (%) <sup>(2)</sup>	1.0	0.3	0.6

(1) Including Share of Profit from Investments in Jointly Controlled Entities and Associated Companies

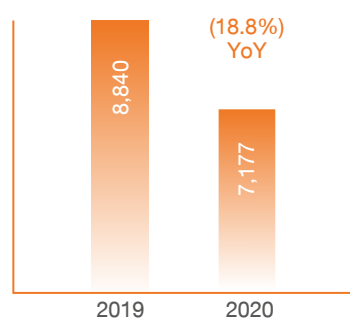
(2) Excluding one-time Foreign Exchange Gain in 2019

# MANAGEMENT DISCUSSION AND ANALYSIS

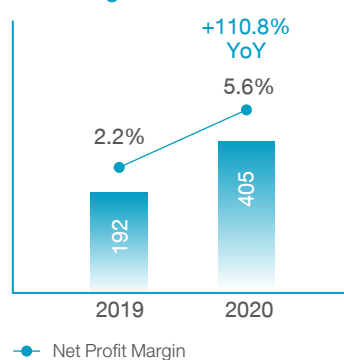
## Executive Summary

Unit: Baht Million

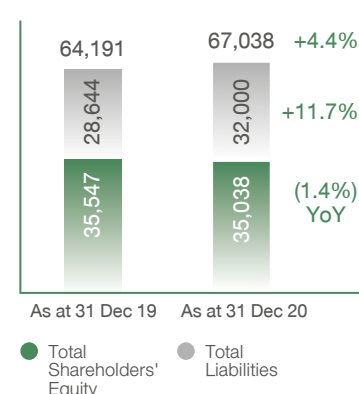
### Total Revenue



### Recurring Net Profit



### Financial Position



### Total Revenue

Total Revenue of 2020 declined by 18.8% YoY, mainly because:

- (1) Revenue from Sales of Electricity of NN2 decreased by 43.7% YoY following lower water level at the beginning of 2020 and below-average water inflow during 2020 causing the Nam Ngum 2 Hydroelectric Power Plant to declare 2020 as a Drought Year and manage its declaration conservatively to ensure that the water level at the end of the year is adequate for the electricity production in the first half of 2021.
- (2) Revenue from Sales of Electricity and Steam of BIC decreased by 7.3% from the decline in average natural gas price in 2020 compared to the previous year, which resulted in a decrease in Energy Payment revenue, the maintenance outage of a gas turbine unit of Bangpa-in Cogeneration Power Plant 1 during January 2020, and lower electricity and steam demand from industrial customers.

### Recurring Net Profit attributable to Equity Holders of the Company

Net Profit attributable to Equity Holders of the Company in 2020 increased by Baht 212.7 million or 110.8% compared to the 2019 Recurring Net Profit, which excluded a one-time foreign exchange gain from XPCL in Q4/2019.

The YoY increase in 2020 Net Profit was driven by higher share of profit from investment in XPCL following a full year of electricity operation and sales in 2020, while in 2019, XPCL only started its commercial operation at the end of October 2019.

### Financial Position as at 31 December 2020

**Total Assets** increased by 4.4% from the end of 2019, mainly driven by proceeds from Baht 4,000 million debentures that the Company issued on 25 November 2020. The proceeds will be used to redeem debentures maturing in Q2/2021, expand the Company's business, and support operation as working capital.

**Total Liabilities** increased by 11.7% from the end of 2019, primarily due to the Company's debentures issuance on 25 November 2020 and the increase in liabilities under finance lease agreements following the adoption of Thai Financial Reporting Standards No.16 since January 2020.

**Total Shareholders' Equity** declined by 1.4% from the end of 2019, mainly because of the decline in the Non-controlling Interests of the Subsidiaries following the decrease of operating results and dividend payment of NN2.

## Significant Events in 2020 to Date

### Debentures Issuance No.1/2020

#### by Nam Ngum 2 Power Company Limited (“NN2”)

On 5 March 2020, NN2 issued Baht 600 million of unsecured, unsubordinated Debentures No.1/2020 with a debentureholders’ representative to investors in a Private Placement transaction to rollover maturing debentures and reduce financial cost. TRIS Rating Co., Ltd. (“TRIS Rating”) assigned the company rating of “A” (with Stable outlook) to NN2 and the issue rating of “A” (with Stable outlook) to all of NN2’s outstanding debentures including the Debentures No.1/2020.

### Approval of Interim Dividend Payment from the 2019 Operating Results

On 13 April 2020, the Board of Directors’ meeting of the Company resolved to postpone the 2020 Annual Ordinary General Meeting of Shareholders of the Company indefinitely until the COVID-19 situation would come to an end. The meeting also approved the interim dividend payment from the Company’s operating results for the year 2019 of Baht 0.0300 per share instead of the annual dividend payment. Such payment was made from the Net Profit under the separate financial statements. The Record Date to determine the list of shareholders entitled to receive the dividends was 27 April 2020. The dividend was paid on 12 May 2020. The 2020 Annual Ordinary General Meeting of Shareholders was subsequently held on 3 August 2020.

### Company Rating and Issue Rating of CK Power Public Company Limited (“the Company”) Affirmed by TRIS Rating

On 28 April 2020, TRIS Rating affirmed credit rating of the Company at “A” (with Stable outlook) and credit rating of the Company’s unsecured, unsubordinated debentures at “A-” (with Stable outlook).

### Exercise of Warrants of the Company (CKP-W1) on the Last Exercise Date on 28 May 2020

On 28 May 2020, the last exercise date of CKP-W1, 690 units of CKP-W1 were exercised with Baht 4,140 of total proceeds received by the Company. The Company registered the capital increase on 29 May 2020 with the newly issued shares trading on the Stock Exchange of Thailand since 5 June 2020. After the capital increase registration, the Company’s paid-up capital and share premium increased to Baht 8,129.4 million and Baht 13,319.2 million, respectively.

### Extension of Credit Limit for Issuance and Offering of Debentures to Not Exceeding Baht 20,000 Million

On 3 August 2020, the 2020 Annual Ordinary General Meeting of Shareholders of the Company approved the extension of credit limit for issuance and offering of debentures to not exceeding Baht 20,000 million from the previous credit limit of not exceeding Baht 10,000 million. The debentures would be source of fund for business expansion and to enhance the Company’s ability to manage liquidity and service debt.

### Xayaburi Hydroelectric Power Plant Achieving Full Production Capacity

On 9 August 2020, Xayaburi Hydroelectric Power Plant has reached its full production capacity for the first time since COD, as a result of higher average water flow following more rain fall in Lao PDR. The power plant continued to operate near its full production capacity throughout August and September 2020.

### Debentures Issuance No.2/2020 by NN2

On 30 September 2020, NN2 issued Baht 1,000 million of unsecured, unsubordinated Debentures No.2/2020 with a debentureholders’ representative to rollover maturing debentures, consisting of:

- Baht 400 million debentures with a tenor of 3 years at the interest rate of 3.20% per annum; and
- Baht 600 million debentures with a tenor of 5 years at the interest rate of 3.60% per annum.

TRIS Rating assigned the company rating of “A” (with Stable outlook) to NN2 and the issue rating of “A” (with Stable outlook) to NN2’s debentures No.2/2020.

### Acquisition of Shares in Luang Prabang Power Company Limited (“LPCL”)

On 19 November 2020, the Company acquired 42% of registered capital of LPCL from PT Sole Company Limited at the total amount of Baht 12.82 million to perform feasibility study and develop Luang Prabang Hydroelectric Power Project in Luang Prabang, Lao PDR.

### Debentures Issuance No.1/2020 by CKPower

On 25 November 2020, the Company issued Baht 4,000 million of unsecured, unsubordinated Debentures No.1/2020 with a debentureholders’ representative. The proceeds from the debentures will be used to redeem debentures maturing

in Q2/2021, expand the Company's business, and support operation as working capital. The debentures consisted of:

- Baht 1,000 million debentures with a tenor of 2 years at the interest rate of 2.31% per annum;
- Baht 1,500 million debentures with a tenor of 3 years at the interest rate of 2.62% per annum; and
- Baht 1,500 million debentures with a tenor of 7 years at the interest rate of 3.76% per annum.

TRIS Rating assigned the company rating of "A" (with Stable outlook) to the Company and the issue rating of "A-" (with Stable outlook) to the Company's debentures No.1/2020.

### Capital Increase in LPCL

On 18 January 2021, the Company completed Baht 2,170.56 million capital injection in proportion to its shareholding in LPCL following the Board of Directors' approval to support the development of Luang Prabang Hydroelectric Power Project.

## Awards and Recognition in 2020

### Participated in the

#### United Nations Global Compact (UNGC) Thailand

On 28 May 2020, the Company became a member of the United Nations Global Compact (UNGC) Thailand to operate its business to support UNGC's principles of human rights, labor, environment and anti-corruption. Moreover, the Company aims to operate its business to achieve United Nations Sustainable Development Goals (UNSDGs). At present, 8 out of 17 goals of UNSDGs have already been embedded into the Company's business strategy.

### Received Asia Power Awards 2020

On 23 September 2020, the Company received Asian Power Awards 2020 in Silver Label under 2 categories, namely:

- Natural Gas-fired Power Project of the Year
- Environmental Upgrade of the Year - Thailand

The Awards recognized the Company for its development of project and innovation to reduce the use of natural resource, minimize the environmental and social impacts, and achieve cost savings from reduction in electricity use.

### Included in Thailand Sustainability Investment (THSI) List for 2020

On 11 November 2020, the Company was included in the Thailand Sustainability Investment or THSI list of 2020 by the Stock Exchange of Thailand, reflecting the Company's intent to operate a sustainable business that supports environment, community, and good corporate governance.

### Achieved Excellent Corporate Governance (CG) Score

On 19 November 2020, the Company received "Excellent" Corporate Governance (CG) score under the Corporate Governance Report of Thai Listed Companies 2020 published by Thai Institute of Directors Association. This has been the Company's 3rd consecutive year of achieving such score.

### Won IR Magazine Awards 2020

#### - Best Crisis Management

On 8 December 2020, the Company won the IR Magazine Awards 2020 South East Asia in the category of Best Crisis Management. The award recognized the achievement of Xayaburi Hydroelectric Power Plant in engaging with its stakeholders to foster a clear understanding of how the power plant manages its electricity production in conjunction with its water and environmental resource management system.

## The Impact from the COVID-19 Situation

The Company does not experience any material impact from the COVID-19 situation to its electricity business since the Company's main off-takers are the Electricity Generating Authority of Thailand and the Provincial Electricity Authority. While the Company also sells electricity to industrial customers, most of its industrial customers are not in the industries that were severely affected by the situation.

In terms of electricity production, all power plants continue to operate normally without interruption throughout the COVID-19 situation. Each plant applies strict hygiene and safety measures and does not allow visit from any outside person.

For liquidity management, the Company's Cash and Cash Equivalent was at Baht 8,899.1 million at the end of 2020, increased by Baht 4,684.9 million from the end of 2019. Net Interest-bearing Debt to Total Shareholders' Equity Ratio was at 0.60 times, well below its debentures covenant of 3.00 times, reflecting strong liquidity to support operating expenses, debt services, and business expansions. Furthermore, the Company has secured approximately Baht 9.5 billion of credit facility with financial institutions to support its liquidity management and debentures redemption, if necessary.

## Analysis of Operating Results of 2020

Description	Year (Baht Million)		Changes	
	2019	2020	Inc/(Dec)	%
Revenue from Sales of Electricity and Steam	8,223.0	6,527.0	(1,696.0)	(20.6)
Project Management Income	153.9	168.1	14.2	9.2
Interest Income under Finance Lease Agreement	351.8	344.7	(7.1)	(2.0)
Other Income	111.5	137.7	26.2	23.5
<b>Total Revenues</b>	<b>8,840.2</b>	<b>7,177.5</b>	<b>(1,662.7)</b>	<b>(18.8)</b>
Operating Expenses	(7,019.2)	(6,417.5)	(601.7)	(8.6)
Share of Profit from Investments in Jointly Controlled Entities and Associated Companies	(143.8)	407.4	551.2	383.3
Foreign Exchange Gain	2.3	10.8	8.5	369.6
<b>Earnings Before Interest and Tax</b>	<b>1,679.5</b>	<b>1,178.2</b>	<b>(501.3)</b>	<b>(29.8)</b>
Finance Cost	(1,161.3)	(996.4)	(164.9)	(14.2)
Income Tax Expenses	(12.3)	15.9	28.2	229.3
Net Profit attributable to Non-controlling Interests of the Subsidiaries	(313.9)	207.0	520.9	165.9
<b>Recurring Net Profit</b>	<b>192.0</b>	<b>404.7</b>	<b>212.7</b>	<b>110.8</b>
One-time Foreign Exchange Gain	576.9	-	(576.9)	(100.0)
<b>Net Profit attributable to Equity Holders of the Company</b>	<b>768.9</b>	<b>404.7</b>	<b>(364.2)</b>	<b>(47.4)</b>



## Revenue from Sales of Electricity and Steam

	Sales Volume of Electricity / Steam (GWh) / (Tons)		Changes		Revenue (Baht Million)		Changes	
	2019	2020	Inc/(Dec)	%	2019	2020	Inc/(Dec)	%

## Revenue from Sales of Electricity

NN2	1,684.9	920.1	(764.8)	(45.4)	3,048.0	1,716.6	(1,331.4)	(43.7)
BIC	1,560.8	1,535.7	(25.1)	(1.6)	4,967.7	4,604.8	(362.9)	(7.3)
BKC	15.5	20.1	4.6	29.7	144.8	157.8	13.0	9.0
<b>Subtotal</b>	<b>3,261.2</b>	<b>2,475.9</b>	<b>(785.3)</b>	<b>(24.1)</b>	<b>8,160.5</b>	<b>6,479.2</b>	<b>(1,681.3)</b>	<b>(20.6)</b>

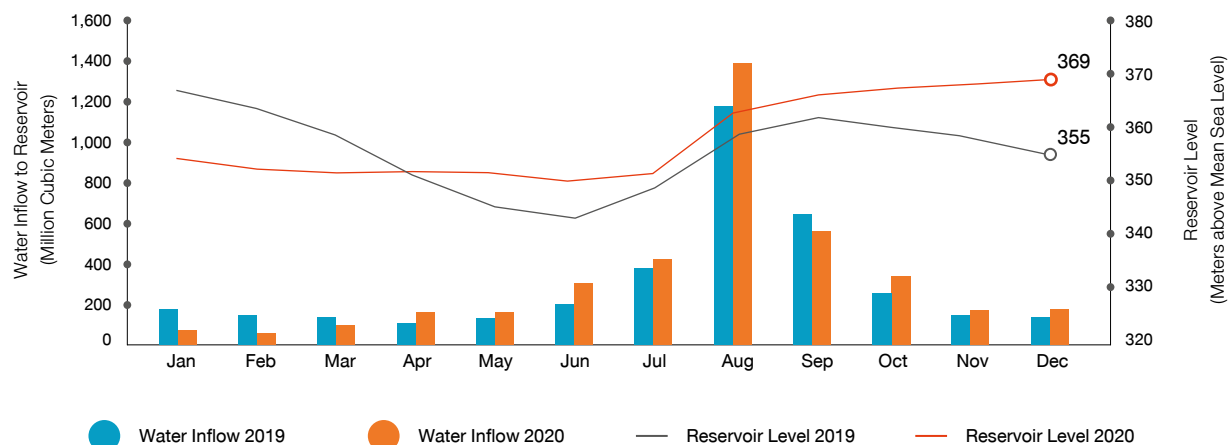
## Revenue from Sales of Steam

BIC	87,486	74,026	(13,460)	(15.4)	62.5	47.8	(14.7)	(23.5)
<b>Total</b>					<b>8,223.0</b>	<b>6,527.0</b>	<b>(1,696.0)</b>	<b>(20.6)</b>

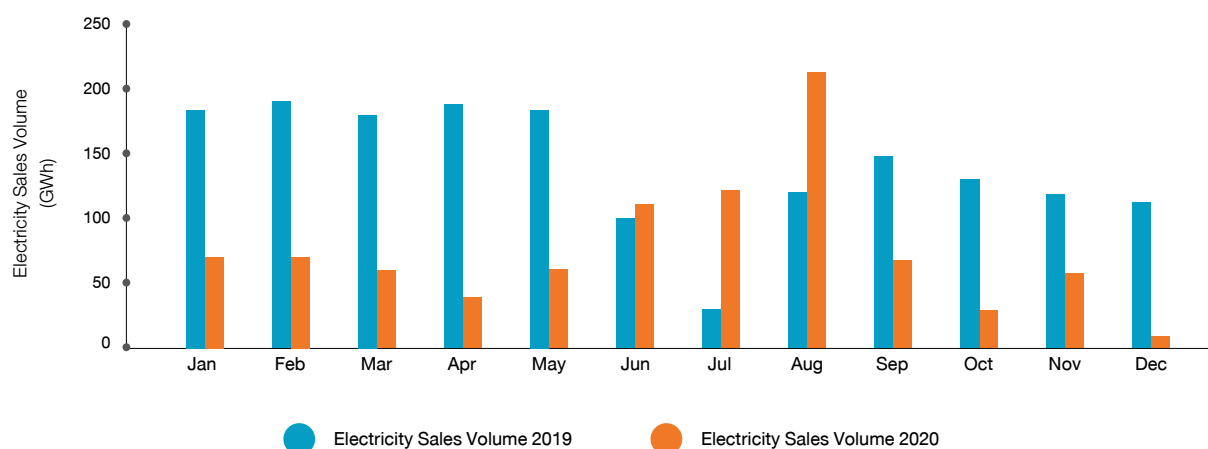
In 2020, Revenue from Sales of Electricity and Steam declined by 20.6% YoY, mainly due to the following reasons:

**NN2:** Revenue from sales of electricity of NN2 in 2020 decreased by 43.7% YoY due to the decrease in electricity sales volume, following lower water level at the beginning of 2020 and below-average water inflow during 2020, causing Nam Ngum 2 Hydroelectric Power Plant to declare 2020 as a Drought Year and manage its declaration conservatively to ensure that the water level at the end of the year is adequate for the electricity production in the first half of 2021.

## Water Inflow and Reservoir Level of Nam Ngum 2 Hydroelectric Power Plant



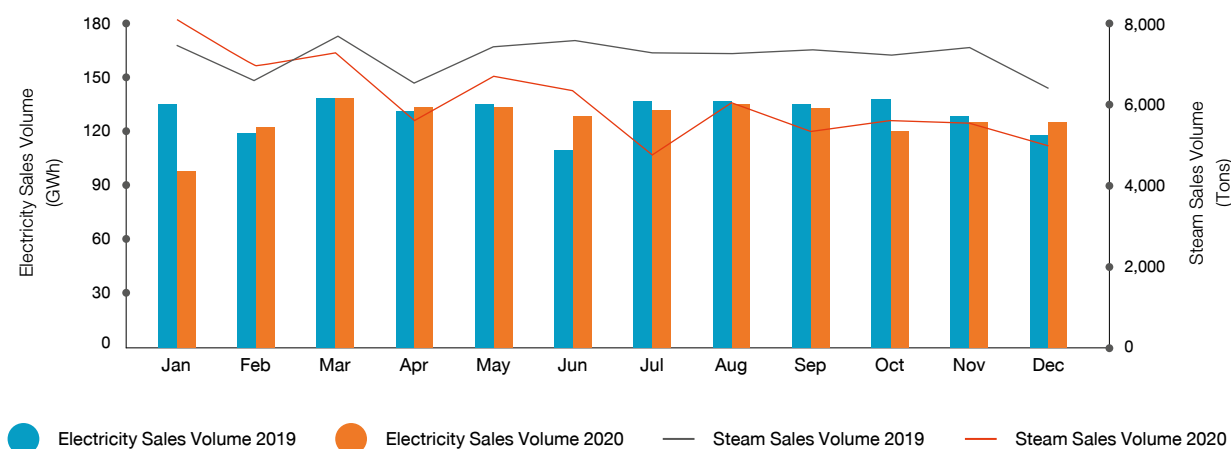
## Electricity Sales Volume of Nam Ngum 2 Hydroelectric Power Plant



Description	Year (GWh)		Changes	
	2019	2020	Inc/(Dec)	%
Primary Energy (PE)	1,674.5	915.7	(758.8)	(45.3)
Secondary Energy (SE)	4.2	-	(4.2)	(100.0)
Excess Energy (EE)	-	-	-	-
Test Energy (TE)	6.2	4.4	(1.8)	(29.0)
<b>Total Electricity Sales</b>	<b>1,684.9</b>	<b>920.1</b>	<b>(764.8)</b>	<b>(45.4)</b>

- **BIC:** Revenue from Sales of Electricity and Steam of BIC in 2020 decreased by 7.3% YoY due to the decline in average natural gas price in 2020 compared to the previous year, which resulted in a decrease in Energy Payment revenue, the maintenance outage of a gas turbine unit of Bangpa-in Cogeneration Power Plant 1 during January 2020, and lower electricity and steam demand from industrial customers.

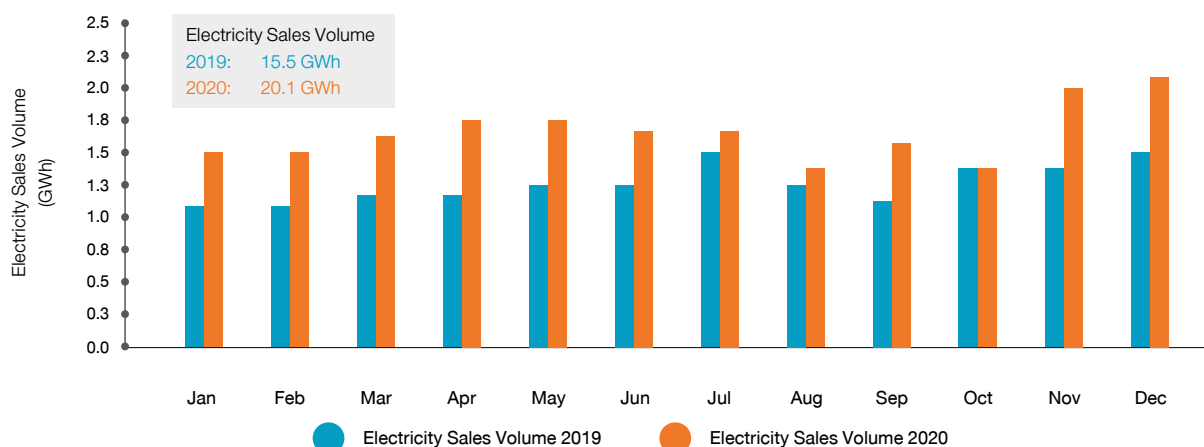
## Electricity and Steam Sales Volume of Bangpa-in Cogeneration Power Plant



Off-takers	Year (GWh)		Changes	
	2019	2020	Inc/(Dec)	%
Electricity Generating Authority of Thailand (EGAT)	1,250.3	1,235.9	(14.4)	(1.2)
Industrial Customers	310.5	299.8	(10.7)	(3.4)
<b>Total Electricity Sales</b>	<b>1,560.8</b>	<b>1,535.7</b>	<b>(25.1)</b>	<b>(1.6)</b>

- **BKC:** Revenue from Sales of Electricity of BKC in 2020 increased by 9.0% YoY primarily because (i) Bangkhengchai Solar Power Plant changed its solar panels during Q3/2020, which has improved the plant's overall efficiency, (ii) five new solar rooftop power plants under BKC with a total installed capacity of 4.1 MW started selling electricity to private-sector operators during 2019, and (iii) a new solar farm power plant under BKC with an installed capacity of 2.7 MW started selling electricity to private-sector operators at the end of Q3/2020. This has resulted in an increase in electricity sales volume in 2020 compared to the previous year.

#### Electricity and Steam Sales Volume of Solar Power Plants under BKC



## Project Management Income

The Project Management Income in 2020 increased by 9.2% YoY, mainly from increases in management fees in accordance with the contracts.

## Interest Income under Finance Lease Agreement

Interest Income under Finance Lease Agreement in 2020 decreased by 2.0% YoY following the decline in finance lease receivable, as a result of a gradually received rental fee under lease agreement between Nabong Substation and the Government of Lao.

## Other Income

In 2020, Other Income increased by 23.5% YoY, primarily from the interest of long-term loan to XPCL in accordance with the conditions specified in the Sponsors Support Agreement. The Company started providing loan support to XPCL in August 2019 and recognized interest for the full year of 2020. As at 31 December 2020, outstanding principal of the long-term loan to XPCL was Baht 3,000 million.

## Operating Expenses

Description	Year (Baht Million)		Changes	
	2019	2020	Inc/(Dec)	%
Cost of Sales of Electricity and Steam	5,964.8	5,380.0	(584.8)	(9.8)
• Fuel Costs	3,334.2	2,948.4	(385.8)	(11.6)
• Depreciation Expenses	1,484.0	1,500.7	16.7	1.1
• Operation and Maintenance Costs	724.1	644.8	(79.3)	(11.0)
• Wheeling Charge	216.9	119.2	(97.7)	(45.0)
• Royalty Fee	104.9	59.6	(45.3)	(43.2)
• Others	100.7	107.3	6.6	6.6
Amortization of Right to Produce and Sell Electricity	521.3	521.3	-	-
Cost of Project Management	90.8	88.5	(2.3)	(2.5)
Administrative Expenses	442.3	427.7	(14.6)	(3.3)
<b>Total Operating Expenses</b>	<b>7,019.2</b>	<b>6,417.5</b>	<b>(601.7)</b>	<b>(8.6)</b>

The Operating Expenses for 2020 decreased by 8.6% YoY with key changes as follow:

- BIC's Fuel Costs decreased by 11.6% YoY following the decline of electricity sales volume and average natural gas price.
- Depreciation Expenses increased by 1.1% YoY mainly from the depreciation of Right-of-use Assets following the adoption of Thai Financial Reporting Standards No. 16 since January 2020.
- Operating and Maintenance Costs decreased by 11.0 % YoY primarily because of higher maintenance expenses in Q2/2019 related to Major Overhaul of BIC and a decrease in other operating costs during 2020.
- Wheeling Charges declined by 45.0% YoY following the decline in the dispatched electricity of NN2.
- Royalty Fee decreased by 43.2% YoY, consistent with the decline in NN2's revenue from sales of electricity.
- Cost of Project Management and Administrative Expenses decreased by 2.5% and 3.3% YoY, respectively, from lower activities during the COVID-19 situation and effective cost management.

## Share of Profit from Investments in Jointly Controlled Entities and Associated Companies

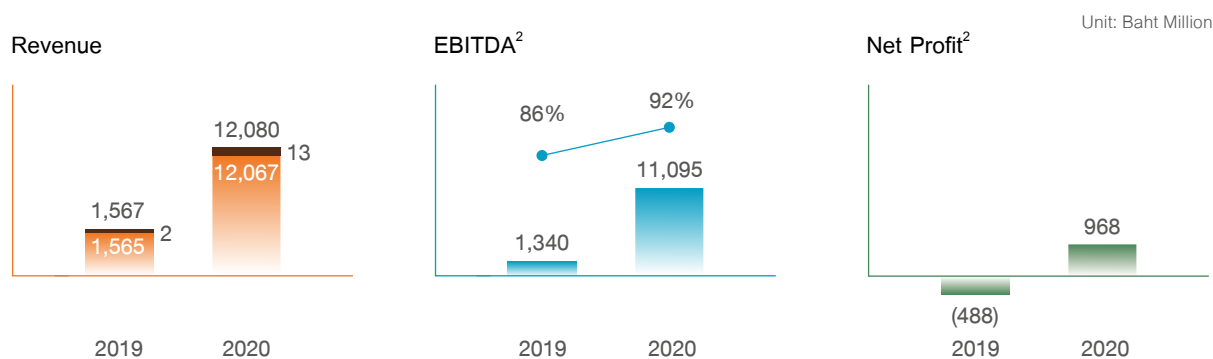
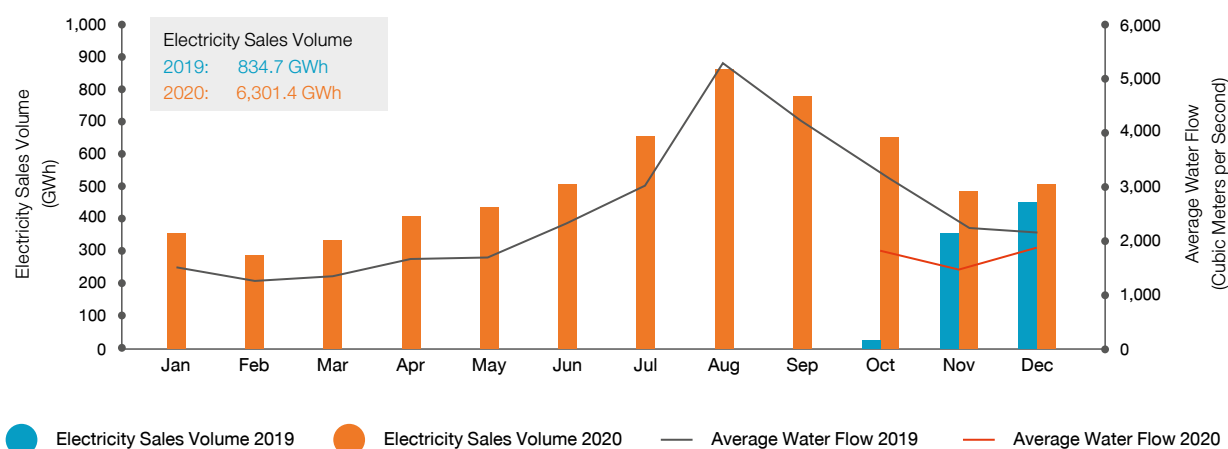
Description	Year (Baht Million)		Changes	
	2019	2020	Inc/(Dec)	%
Share of Profit from Investments in Jointly Controlled Entities	40.9	40.7	(0.2)	(0.5)
Share of Profit (Loss) from Investments in Associated Companies	(184.7)	366.7	551.4	298.5
<b>Total</b>	<b>(143.8)</b>	<b>407.4</b>	<b>551.2</b>	<b>383.3</b>

Description	Year (Baht Million)		Changes	
	2019	2020	Inc/(Dec)	%
One-time Foreign Exchange Gain <sup>1</sup>	576.9	-	(576.9)	(100.0)
Share of Profit from Investments in Jointly Controlled Entities and Associated Companies	433.1	407.4	(25.7)	(5.9)

Remark: <sup>1</sup> The Company's proportionate sharing of one-time Foreign Exchange Gain of XPCL

The Company recognized Share of Profit from Investments in Jointly Controlled Entities and Associated Companies in 2020 at Baht 407.4 million, increased by Baht 551.2 million or 383.3% YoY. The increase mainly came from an increase in the share of profit from investment in XPCL following its full year of electricity production and sales in 2020 after the COD in late October 2019.

#### Monthly Average Water Flow and Electricity Sales Volume of Xayaburi Hydroelectric Power Plant



Remark: <sup>2</sup> Excluded one-time foreign exchange gain

## Finance Cost

Finance Cost in 2020 decreased by 14.2% YoY, mainly from NN2's debentures issuance to fully repay its long-term loan from financial institutions in March 2019, the subsidiaries' principal repayments and lower interest rates YoY.

## Net Profit attributable to Equity Holders of the Company

Overall, Net Profit attributable to Equity Holders of the Company in 2020 increased by Baht 212.7 million or 110.8% compared to the Recurring Net Profit of 2019, which excluded one-time foreign exchange gain from XPCL in Q4/2019. The increase primarily came from an increase in the share of profit from investment in XPCL, following its full year of electricity production and sales after the COD in late October 2019.

## Analysis of Financial Position

Description	As at 31 Dec 2019 (Baht Million)	As at 31 Dec 2020 (Baht Million)	Changes	
			Inc/(Dec)	%
Total Assets	64,190.9	67,038.5	2,847.6	4.4
Total Liabilities	28,644.2	32,000.5	3,356.3	11.7
Total Shareholders' Equity	35,546.7	35,038.0	(508.7)	(1.4)

### Total Assets

As at 31 December 2020, Total Assets increased by 4.4% from the end of 2019, mainly driven by proceeds from Baht 4,000 million debentures that the Company issued on 25 November 2020. The proceeds will be used to redeem debentures maturing in Q2/2021, expand the Company's business, and support operation as working capital.

### Total Shareholders' Equity

As at 31 December 2020, Total Shareholders' Equity decreased by 1.4% from the end of 2019, mainly because of the decline in the Non-controlling Interests of the Subsidiaries following the decrease of operating results and dividend payment of NN2.

### Total Liabilities

As at 31 December 2020, Total Liabilities increased by 11.7% from the end of 2019, primarily from the Company's debentures issuance on 25 November 2020 and the increase in liabilities under finance lease agreements following the adoption of Thai Financial Reporting Standards No.16 since January 2020.

## Cash Flows Analysis

As at 31 December 2020, the Company reported Cash and Cash Equivalent of Baht 8,899.1 million, increased by Baht 4,684.9 million or 111.2% from the end of 2019.

Cash Flow Statement for 2020	Baht Million
Net cash flows from operating activities	2,245.3
Net cash flows from investing activities	986.8
Net cash flows from financing activities	1,453.3
Effect of exchange rate changes on cash and cash equivalents	(0.5)
<b>Net Increase in Cash and Cash Equivalents</b>	<b>4,684.9</b>

- Net cash inflows from operating activities came mainly from the Company and its subsidiaries' operating cash flows.
- Net cash inflows from investing activities came primarily from selling of other current Financial Assets, cash received from Finance Lease Agreement and dividend received from jointly controlled entities.
- Net cash inflows from financing activities came mainly from the Company's debentures issuance, offset by the repayment of long-term loans and debentures as well as dividend payments by the Company and its subsidiaries.



## Significant Financial Ratios

Profitability Ratios	Year		Changes
	2019	2020	
Gross Profit Margin (%)	25.6	16.5	(9.1)
EBITDA Margin (%)	43.7	39.7	(4.0)
EBITDA Margin including Share of Profit (%) <sup>3</sup>	42.1	45.4	3.3
Recurring Net Profit Margin (%) <sup>3</sup>	2.2	5.6	3.4
Net Profit Margin (%)	8.7	5.6	(3.1)
Recurring earnings per share (Baht) <sup>3</sup>	0.025	0.050	0.025
Earnings per share (Baht)	0.010	0.050	(0.040)
Leverage Ratios	As at 31 Dec 2019	As at 31 Dec 2020	Changes
Total Liabilities to Total Shareholders' Equity Ratio (Times)	0.81	0.91	0.10
Net Interest-bearing Debt to Total Shareholders' Equity Ratio (Times) <sup>4</sup>	0.62	0.60	(0.02)
Liquidity Ratio	As at 31 Dec 2019	As at 31 Dec 2020	Changes
Current Ratio (Times)	1.95	1.68	(0.27)

Remark: <sup>3</sup> Excluded one-time item

<sup>4</sup> Excluded Liabilities under Finance Lease Agreements

In 2020, Gross Profit Margin and EBITDA Margin declined YoY, mainly due to the decrease in Revenue from Sales of Electricity of NN2. EBITDA Margin including Share of Profit and Recurring Net Profit Margin increased YoY, mainly driven by an increase in the share of profit from Investment in XPCL as a result of its full year of electricity production and sales in 2020.

As at 31 December 2020, Total Liabilities to Total Shareholders' Equity Ratio increased from the end of 2019, primarily due to (i) the Company's debentures issuance on 25 November 2020 and (ii) the decline in Total Shareholders' Equity following the decline in the Non-controlling Interests of the Subsidiaries. Net Interest-bearing Debt to Total Shareholders' Equity Ratio decreased slightly from the end of 2019, mainly due to an increase of Cash and Cash Equivalent from operating activities.

Current Ratio declined from the end of 2019, mainly because the Company's Baht 4,000 million Debentures will become due within 1 year. The Company has plan to rollover such debentures using Baht 2,000 million of proceeds from debentures 1/2020 together with the issuance of new debentures during 2021. The Company also maintains approximately Baht 9.5 billion of credit facility with financial institutions to support its liquidity management and debentures redemption, if necessary.

# REPORT ON THE BOARD OF DIRECTORS' RESPONSIBILITIES FOR FINANCIAL REPORT

The Board of Directors attaches great importance to promoting the good corporate governance, strongly encouraging the Company to have an efficient, transparent management system and appropriate internal control system in place, including support of essential resources and tools for the financial report preparation process to ensure that the Company's financial reports are accurate, complete, and reflect the Company's true financial status and operational results, to build confidence of shareholders, general investors and all stakeholders.

The Board of Directors has established the Audit Committee, comprising qualified independent directors who are knowledgeable and competent, to perform the duty to review and ensure that the Company's financial reports are prepared completely, accurately, with adequate, suitable disclosure of information in accordance with the financial reporting standards, as well as considering connected transactions or transactions which may give rise to a conflict of interest and/or benefit, to ensure compliance with the requirements of the Stock Exchange of Thailand and rules and regulations applicable to the Company's business.

The Board of Directors is of the opinion that the financial statements for 2020 of the Company and its subsidiaries which was reviewed by the Audit Committee in conjunction with the management and the Company's auditor are prepared in accordance the financial reporting standards, by adopting appropriate accounting policies, exercising the discretion with due care, prudence, and making reasonable estimates, including adequate disclosure of significant information in the notes to the financial statements. In this regard, such financial statements had been audited and provided unqualified opinions by the independent certified public accountant that the financial statements presented fairly the financial position, operational results, and cash flows of the Company and its subsidiaries in all material respects in accordance with generally accepted accounting principles.



(Dr. Thanong Bidaya)

Chairman of  
The Board of Directors



(Mr. Thanawat Trivisvavet)

Managing Director

# FINANCIAL STATEMENTS

CK Power Public Company Limited and its subsidiaries  
Report and consolidated financial statements  
31 December 2020



## Independent Auditor's Report

To the Shareholders of CK Power Public Company Limited

### Opinion

I have audited the accompanying consolidated financial statements of CK Power Public Company Limited and its subsidiaries (the Group), which comprise the consolidated statement of financial position as at 31 December 2020 and the related consolidated statements of comprehensive income, changes in shareholders' equity and cash flows for the year then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies, and have also audited the separate financial statements of CK Power Public Company Limited for the same period.

In my opinion, the financial statements referred to above present fairly, in all material respects, the financial position of CK Power Public Company Limited and its subsidiaries and of CK Power Public Company Limited as at 31 December 2020, their financial performance and cash flows for the year then ended in accordance with Thai Financial Reporting Standards.

### Basis for Opinion

I conducted my audit in accordance with Thai Standards on Auditing. My responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of my report. I am independent of the Group in accordance with the Code of Ethics for Professional Accountants as issued by the Federation of Accounting Professions as relevant to my audit of the financial statements, and I have fulfilled my other ethical responsibilities in accordance with the Code. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

## Key Audit Matters

Key audit matters are those matters that, in my professional judgement, were of most significance in my audit of the financial statements of the current period. These matters were addressed in the context of my audit of the financial statements as a whole, and in forming my opinion thereon, and I do not provide a separate opinion on these matters.

I have fulfilled the responsibilities described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of my report, including in relation to these matters. Accordingly, my audit included the performance of procedures designed to respond to my assessment of the risks of material misstatement of the financial statements. The results of my audit procedures, including the procedures performed to address the matters below, provide the basis for my audit opinion on the accompanying financial statements as a whole.

Key audit matter and how audit procedures respond to the matter are described below.

### *Investments in subsidiaries and jointly controlled entities*

As disclosed in Notes 12 and 13 to the financial statements, as at 31 December 2020, the Company has investments in subsidiaries and jointly controlled entities in the separate financial statements amounting to Baht 12,405 million, which is a significant amount. In assessing the impairment of these investments the management needs to exercise substantial judgment to make forecasts of operating results and projections of future cash flows from investments, including determination of appropriate discount rates, long-term growth rates and other assumptions.

In order to assess management's identification of the impairment of investments in subsidiaries and jointly controlled entities, I gained an understanding of management's process of selecting a financial model. I also assessed the assumptions applied in preparing plans and projections of cash flows from these investments by gaining an understanding of the process by which the figures were derived, comparing the assumptions with external and internal sources of information regarding the subsidiaries and jointly controlled entities, comparing past cash flow projections with actual operating results. I also evaluated the discount rate used based on analysis of the average cost of capital and other data, tested the calculation of cash flow projections based on the financial model and considered the scope and probability of potential changes in the key assumptions and in particular the discount rates and growth rates applied in preparing the cash flow projections.

## Other Information

Management is responsible for the other information. The other information comprise the information included in annual report of the Group, but does not include the financial statements and my auditor's report thereon. The annual report of the Group is expected to be made available to me after the date of this auditor's report.

My opinion on the financial statements does not cover the other information and I do not express any form of assurance conclusion thereon.

In connection with my audit of the financial statements, my responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or my knowledge obtained in the audit or otherwise appears to be materially misstated.

When I read the annual report of the Group, if I conclude that there is a material misstatement therein, I am required to communicate the matter to those charged with governance for correction of the misstatement.

## Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Thai Financial Reporting Standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's financial reporting process.

### Auditor's Responsibilities for the Audit of the Financial Statements

My objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Thai Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Thai Standards on Auditing, I exercise professional judgement and maintain professional skepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. I am responsible for the direction, supervision and performance of the group audit. I remain solely responsible for my audit opinion.

I communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

I also provide those charged with governance with a statement that I have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on my independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, I determine those matters that were of most significance in the audit of the financial statements of the current period and are therefore the key audit matters. I describe these matters in my auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, I determine that a matter should not be communicated in my report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

I am responsible for the audit resulting in this independent auditor's report.



Chatchai Kasemsrithanawat

Certified Public Accountant (Thailand) No. 5813

EY Office Limited

Bangkok: 22 February 2021



## CK Power Public Company Limited and its subsidiaries

## Statement of financial position

As at 31 December 2020

(Unit: Baht)

	Note	Consolidated financial statements		Separate financial statements	
		2020	2019	2020	2019
<b>Assets</b>					
<b>Current assets</b>					
Cash and cash equivalents	8	8,899,070,502	4,214,184,164	6,095,137,056	1,539,625,273
Current investments	4	-	694,854,506	-	461,655,722
Trade and other receivables	7, 9	1,054,439,611	1,292,196,206	38,984,393	34,241,893
Current portion of finance lease receivable - related party	7	153,746,218	87,265,115	-	-
Spare parts and supplies		60,857,672	61,473,814	-	-
Current portion of long-term loans to subsidiary and interest receivable	7	-	-	14,838,861	8,493,830
Other current financial assets	10	1,517,045	-	1,419,097	-
Other current assets					
Refundable input tax		305,186	7,645,773	-	-
Other		396,457,899	248,616,077	317,839,874	183,055,084
<b>Total current assets</b>		<b>10,566,394,133</b>	<b>6,606,235,655</b>	<b>6,468,219,281</b>	<b>2,227,071,802</b>
<b>Non-current assets</b>					
Long-term restricted bank deposits	11	459,574,027	459,335,947	-	-
Long-term loans to subsidiary and interest receivable, net of current portion	7	-	-	266,510,000	270,630,000
Long-term loans to associated company and interest receivable	7	3,221,229,452	3,054,308,219	3,221,229,452	3,054,308,219
Finance lease receivable - related party, net of current portion	7	3,677,435,521	3,772,521,935	-	-
Investments in subsidiaries	12	-	-	12,221,973,152	12,240,207,782
Investments in jointly controlled entities	13	356,827,929	343,735,530	183,263,970	192,938,970
Investments in associated companies	14	12,353,789,560	11,971,263,062	11,598,751,225	11,585,926,525
Right to produce and sell electricity					
- Equity attributable to owners of the Company	15	4,126,196,192	4,387,131,688	-	-
Right to produce and sell electricity					
- Non-controlling interests of the subsidiaries	15	4,597,947,902	4,858,296,229	-	-
Project costs during construction phase	16	14,186,000	105,057,547	-	-
Assets of hydroelectric power project					
under concession agreement	17	18,082,605,400	19,108,398,692	-	-
Property, plant and equipment	18	8,919,433,627	9,246,964,400	66,600,387	62,591,153
Right-of-use assets	19	386,221,583	-	126,818,825	-
Intangible assets	20	74,947,102	83,720,684	39,410,191	42,929,536
Deferred tax asset		20,053,318	-	-	-
Other non-current assets		181,609,037	193,960,183	5,311,677	4,493,356
<b>Total non-current assets</b>		<b>56,472,056,650</b>	<b>57,584,694,116</b>	<b>27,729,868,879</b>	<b>27,454,025,541</b>
<b>Total assets</b>		<b>67,038,450,783</b>	<b>64,190,929,771</b>	<b>34,198,088,160</b>	<b>29,681,097,343</b>

The accompanying notes are an integral part of the financial statements.

## CK Power Public Company Limited and its subsidiaries

## Statement of financial position (continued)

As at 31 December 2020

(Unit: Baht)

		Consolidated financial statements		Separate financial statements	
	Note	2020	2019	2020	2019
Liabilities and shareholders' equity					
Current liabilities					
Trade and other payables	7, 22	620,000,253	690,088,222	49,603,139	44,278,151
Current portion of long-term loans from financial institutions	23	544,789,275	522,494,325	-	-
Current portion of debentures	24	4,999,362,074	2,100,000,000	3,999,362,074	-
Current portion of lease liabilities	19	31,554,262	-	23,183,064	-
Income tax payable		2,682,615	170,779	-	-
Retention payable	7	1,316,905	1,647,613	-	-
Other current liabilities		75,510,496	79,350,431	15,936,605	14,247,832
Total current liabilities		6,275,215,880	3,393,751,370	4,088,084,882	58,525,983
Non-current liabilities					
Long-term loans from financial institutions, net of current portion	23	5,637,603,846	6,178,407,594	-	-
Debentures, net of current portion	24	19,323,681,690	18,709,860,714	6,493,588,523	6,495,791,941
Lease liabilities, net of current portion	19	362,598,752	-	104,883,530	-
Provision for long-term employee benefits	25	83,123,032	64,538,746	50,633,590	39,331,948
Provision for decommissioning		8,382,637	8,064,827	-	-
Other long-term liabilities - related party	7, 26	309,857,421	289,602,186	-	-
Total non-current liabilities		25,725,247,378	25,250,474,067	6,649,105,643	6,535,123,889
Total liabilities		32,000,463,258	28,644,225,437	10,737,190,525	6,593,649,872

The accompanying notes are an integral part of the financial statements.

## CK Power Public Company Limited and its subsidiaries

## Statement of financial position (continued)

As at 31 December 2020

(Unit: Baht)

	Note	Consolidated financial statements		Separate financial statements	
		2020	2019	2020	2019
<b>Shareholders' equity</b>					
Share capital					
Registered					
9,240,000,000 ordinary shares of Baht 1 each		9,240,000,000	9,240,000,000	9,240,000,000	9,240,000,000
Issued and fully paid up					
8,129,382,729 ordinary shares of Baht 1 each					
(31 December 2019 : 8,129,382,039 ordinary shares of Baht 1 each)		8,129,382,729	8,129,382,039	8,129,382,729	8,129,382,039
Share premium		13,319,245,746	13,319,242,296	13,319,245,746	13,319,242,296
Retained earnings					
Appropriated - statutory reserve	27	167,134,494	135,968,184	167,134,494	135,968,184
Unappropriated		1,785,754,588	1,635,211,021	1,845,134,666	1,483,909,892
Other components of shareholders' equity		372,897,000	328,879,305	-	18,945,060
Equity attributable to owners of the Company		23,774,414,557	23,548,682,845	23,460,897,635	23,087,447,471
Non-controlling interests of the subsidiaries		11,263,572,968	11,998,021,489	-	-
<b>Total shareholders' equity</b>		<b>35,037,987,525</b>	<b>35,546,704,334</b>	<b>23,460,897,635</b>	<b>23,087,447,471</b>
<b>Total liabilities and shareholders' equity</b>		<b>67,038,450,783</b>	<b>64,190,929,771</b>	<b>34,198,088,160</b>	<b>29,681,097,343</b>

The accompanying notes are an integral part of the financial statements.

## CK Power Public Company Limited and its subsidiaries

Statement of comprehensive income  
For the year ended 31 December 2020

(Unit: Baht)

		Consolidated financial statements		Separate financial statements	
	Note	2020	2019	2020	2019
<b>Profit or loss:</b>					
<b>Revenues</b>					
Revenue from sales					
Revenue from sales of electricity and steam	7	6,427,885,532	8,127,561,349	-	-
Revenue from sales of electricity - electricity tariff adders		99,096,000	95,427,840	-	-
Project management income	7	168,073,159	153,896,815	359,132,430	340,314,317
Dividend income	7, 12, 13	-	-	670,762,836	772,533,095
Other income					
Finance income	7	474,222,610	413,532,653	189,468,353	70,890,635
Gain on exchange		10,823,109	2,296,842	8,677	1,114
Others	7	8,217,091	49,788,981	12,542,491	53,008,572
<b>Total revenues</b>		<b>7,188,317,501</b>	<b>8,842,504,480</b>	<b>1,231,914,787</b>	<b>1,236,747,733</b>
<b>Expenses</b>					
Cost of sales					
Cost of sales of electricity and steam	7	5,380,048,918	5,964,821,158	-	-
Amortisation of right to produce and sell electricity		521,283,824	521,283,824	-	-
Cost of project management		88,549,669	90,772,698	184,254,314	184,173,219
Administrative expenses	7	427,675,145	442,336,300	198,071,157	273,807,200
<b>Total expenses</b>		<b>6,417,557,556</b>	<b>7,019,213,980</b>	<b>382,325,471</b>	<b>457,980,419</b>
<b>Operating profit</b>		<b>770,759,945</b>	<b>1,823,290,500</b>	<b>849,589,316</b>	<b>778,767,314</b>
Share of profit from investments in jointly controlled entities	13	40,692,399	40,869,688	-	-
Share of profit from investments in associated companies	14	366,701,923	392,234,624	-	-
Finance cost		(996,360,515)	(1,161,294,032)	(226,263,116)	(209,022,095)
<b>Profit before income tax</b>		<b>181,793,752</b>	<b>1,095,100,780</b>	<b>623,326,200</b>	<b>569,745,219</b>
Tax income (expenses)	30	15,912,220	(12,277,780)	-	-
<b>Profit for the year</b>		<b>197,705,972</b>	<b>1,082,823,000</b>	<b>623,326,200</b>	<b>569,745,219</b>
<b>Other comprehensive income:</b>					
<i>Other comprehensive income to be reclassified to profit or loss in subsequent periods:</i>					
Loss on changes in value of available-for-sale investments		-	(19,185,248)	-	(23,877,317)
Unrealised gain from cash flow hedges		-	9,063,166	-	-
Less: Income tax effect		-	(113,859)	-	-
Share of other comprehensive income from associate	14	68,804,990	(36,579,484)	-	-
Other comprehensive income to be reclassified to profit or loss in subsequent periods - net of income tax		68,804,990	(46,815,425)	-	(23,877,317)
Other comprehensive income not to be reclassified to profit or loss in subsequent periods					
Actuarial gain (loss), net of income tax		1,895,117	-	(5,998,715)	-
Share of other comprehensive income from associate		(3,209,652)	-	-	-
Other comprehensive income not to be reclassified to profit or loss in subsequent periods - net of income tax		(1,314,535)	-	(5,998,715)	-
<b>Other comprehensive income for the year</b>		<b>67,490,455</b>	<b>(46,815,425)</b>	<b>(5,998,715)</b>	<b>(23,877,317)</b>
<b>Total comprehensive income for the year</b>		<b>265,196,427</b>	<b>1,036,007,575</b>	<b>617,327,485</b>	<b>545,867,902</b>

The accompanying notes are an integral part of the financial statements.

## CK Power Public Company Limited and its subsidiaries

Statement of comprehensive income (continued)  
For the year ended 31 December 2020

(Unit: Baht)

	Note	Consolidated financial statements		Separate financial statements	
		2020	2019	2020	2019
<b>Profit (loss) attributable to:</b>					
Equity holders of the Company		404,714,326	768,901,766	623,326,200	569,745,219
Non-controlling interests of the subsidiaries		(207,008,354)	313,921,234		
		<u>197,705,972</u>	<u>1,082,823,000</u>		
<b>Total comprehensive income attributable to:</b>					
Equity holders of the Company		469,609,033	716,830,284	617,327,485	545,867,902
Non-controlling interests of the subsidiaries		(204,412,606)	319,177,291		
		<u>265,196,427</u>	<u>1,036,007,575</u>		
<b>Earnings per share</b>	33				
Basic earnings per share					
Profit attributable to equity holders of the Company		<u>0.050</u>	<u>0.100</u>	<u>0.077</u>	<u>0.074</u>
Weighted average number of ordinary shares (shares)		<u>8,129,382,729</u>	<u>7,716,521,606</u>	<u>8,129,382,729</u>	<u>7,716,521,606</u>

The accompanying notes are an integral part of the financial statements.

## CK Power Public Company Limited and its subsidiaries

Statement of changes in shareholders' equity  
For the year ended 31 December 2020

(Unit: Baht)

	Consolidated financial statements										
	Equity attributable to owners of the Company										
	Other components of equity										
	Other change by the owners										
	Issued and paid-up share capital	Share premium	Retained earnings	Surplus (deficit) on changes in value of available-for-sale investments	Unrealised gain (loss) from cash flow hedges	Surplus on change in interest in equity of subsidiary	Share of other comprehensive income from associate	Total other components of shareholder's equity	Total equity attributable to owners of the company	Equity attributable to non-controlling interests of the subsidiaries	Total shareholders' equity
<b>Balance as at 1 January 2019</b>	7,370,000,000	9,522,332,101	107,480,923	45,863,624	(5,584,231)	3,366,523	188,811,779	232,457,595	18,333,427,135	13,188,571,780	31,521,998,915
Exercised warrants	-	-	-	-	-	-	-	-	-	-	-
Dividend paid (Note 28)	759,382,039	3,796,910,195	-	-	-	-	-	-	4,556,292,234	-	4,556,292,234
Profit for the year	-	-	-	-	-	-	-	-	768,901,766	313,921,234	1,082,823,000
Other comprehensive income for the year	-	-	-	(21,076,229)	5,584,231	-	(36,579,484)	(52,071,482)	(52,071,482)	5,256,067	(46,815,425)
Total comprehensive income for the year	-	-	-	(21,076,229)	5,584,231	-	(36,579,484)	(52,071,482)	716,830,284	319,177,291	1,036,007,575
Investment in subsidiary	-	-	-	-	-	148,493,192	-	148,493,192	148,493,192	(829,957,432)	(681,464,240)
Decrease in non-controlling interests of the subsidiaries from dividend payment of the subsidiaries	-	-	-	-	-	-	-	-	-	(679,770,150)	(679,770,150)
Transfer to statutory reserve (Note 27)	-	-	28,487,261	-	-	-	-	-	-	-	-
<b>Balance as at 31 December 2019</b>	8,129,382,039	13,319,242,296	135,968,184	24,787,295	-	151,859,715	152,232,295	328,879,305	23,546,682,845	11,998,021,489	35,546,704,334
<b>Balance as at 1 January 2020</b>	8,129,382,039	13,319,242,296	135,968,184	24,787,295	-	151,859,715	152,232,295	328,879,305	23,546,682,845	11,998,021,489	35,546,704,334
Cumulative effect of change in accounting policy (Note 4)	-	-	-	(24,787,295)	-	-	-	(24,787,295)	-	-	-
<b>Balance as at 1 January 2020 - as restated</b>	8,129,382,039	13,319,242,296	135,968,184	-	-	151,859,715	152,232,295	304,092,010	23,546,682,845	11,998,021,489	35,546,704,334
Exercised warrants (Note 32)	690	3,450	-	-	-	-	-	-	4,140	-	4,140
Dividend paid (Note 28)	-	-	-	-	-	-	-	-	(243,881,461)	-	(243,881,461)
Profit (loss) for the period	-	-	-	-	-	-	-	-	404,714,326	(207,006,354)	197,707,972
Other comprehensive income for the year	-	-	-	-	-	-	68,804,990	68,804,990	64,894,707	2,595,748	67,490,455
Total comprehensive income for the year	-	-	-	-	-	-	68,804,990	68,804,990	469,609,033	(204,412,606)	265,196,427
Transfer to statutory reserve (Note 27)	-	-	31,166,310	-	-	-	-	-	-	-	-
Decrease in non-controlling interests of the subsidiaries from dividend payment of the subsidiaries	-	-	-	-	-	-	-	-	-	(530,035,915)	(530,035,915)
<b>Balance as at 31 December 2020</b>	8,129,382,729	13,319,245,746	167,134,494	-	-	151,859,715	221,037,285	372,897,000	23,774,414,557	11,263,572,968	35,037,987,525

The accompanying notes are an integral part of the financial statements.

## CK Power Public Company Limited and its subsidiaries

Statement of changes in shareholders' equity (continued)  
For the year ended 31 December 2020

(Unit: Baht)

	Separate financial statements						
				Other components of equity			
				Other comprehensive income			
				Surplus (deficit) on			
				changes in value of			
				available-for-sale investments			
				shareholders' equity			

The accompanying notes are an integral part of the financial statements.

## CK Power Public Company Limited and its subsidiaries

## Cash flow statement

For the year ended 31 December 2020

(Unit: Baht)

	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
<b>Cash flows from operating activities</b>				
Profit before tax	181,793,752	1,095,100,780	623,326,200	569,745,219
Adjustments to reconcile profit before tax to net cash provided by (paid from) operating activities:				
Depreciation and amortisation	1,560,758,654	1,517,820,856	39,656,126	15,995,290
Share of profit from investments in jointly controlled entities	(40,692,399)	(40,869,688)	-	-
Share of profit from investments in associated companies	(366,701,923)	(392,234,624)	-	-
Allowance for impairment of investments in subsidiary	-	-	18,234,630	120,348,558
Allowance for impairment of investments in jointly controlled entities	-	-	9,675,000	-
Loss (gain) on disposal/write off of property plant and equipment	635,492	3,846,903	(224,624)	34,712
Unrealised loss (gain) on exchange	653,333	(1,375,155)	-	-
Gain on disposal of other current financial assets	(3,434,387)	-	(2,232,313)	-
Unrealised gain from fair value measurement of other current financial assets	(4,824)	-	(3,555)	-
Amortisation of interest rate reduction fee and deferred debenture issuing cost	25,142,897	32,277,979	1,775,021	1,636,124
Amortisation of right to produce and sell electricity	521,283,824	521,283,824	-	-
Provision for long-term employee benefits	25,134,693	14,330,378	9,843,897	8,785,124
Dividend income	-	-	(670,762,836)	(772,533,095)
Finance income	(453,777,960)	(385,752,226)	(176,270,939)	(60,512,540)
Finance cost	955,887,816	871,694,329	218,817,888	206,713,973
Profit from operating activities before changes in operating assets and liabilities	2,406,678,968	3,236,123,356	71,834,495	90,213,365
Operating assets (increase) decrease				
Trade and other receivables	237,629,739	22,563,719	(4,742,499)	(2,071,187)
Spare parts and supplies	616,142	(358,040)	-	-
Other current assets	(149,414,665)	169,770,898	(143,290,363)	(149,846,538)
Other non-current assets	4,173,940	3,966,915	(818,320)	(867,037)
Operating liabilities increase (decrease)				
Trade and other payables	(27,296,710)	(58,967,752)	5,404,751	(8,928,925)
Retention payable	(330,708)	169,536	-	-
Other current liabilities	(3,839,937)	(1,282,048)	1,688,771	(3,060,584)
Cash paid for long-term employee benefits	(4,655,290)	(2,674,934)	(4,540,970)	(2,674,934)
Cash flows from (used in) operating activities	2,463,561,479	3,369,311,650	(74,464,135)	(77,235,840)
Interest paid	(215,087,925)	(219,488,422)	(204,458,630)	(206,155,343)
Corporate income tax paid	(3,207,184)	(25,245,114)	(1,288,187)	(1,506,823)
<b>Net cash flows from (used in) operating activities</b>	<b>2,245,266,370</b>	<b>3,124,578,114</b>	<b>(280,210,952)</b>	<b>(284,898,006)</b>

The accompanying notes are an integral part of the financial statements.



## CK Power Public Company Limited and its subsidiaries

Cash flow statement (continued)  
For the year ended 31 December 2020

(Unit: Baht)

	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
<b>Cash flows from investing activities</b>				
Decrease in short-term restricted bank deposits	-	507,165,600	-	-
Decrease (increase) in long-term restricted bank deposits	(238,080)	575,194,147	-	-
Decrease in current investments	-	933,752,082	-	968,752,082
Proceeds from sales of other current financial assets	696,776,672	-	462,472,493	-
Cash receipt from long-term loans to subsidiary	-	-	8,700,000	-
Increase in long-term loans to subsidiary	-	-	(11,000,000)	(200,000,000)
Increase in long-term loans to associated company	-	(3,000,000,000)	-	(3,000,000,000)
Decrease in finance lease receivable and accrued interest income	373,340,197	432,000,000	-	-
Increase in investments in subsidiaries	-	(681,464,240)	-	(681,464,240)
Increase in investments in associated companies	(12,824,700)	(481,474,125)	(12,824,700)	(481,474,125)
Increase in project costs during construction phase	(47,855,542)	(171,427,302)	-	-
Increase in building and equipment	(52,898,417)	(74,634,544)	(17,139,690)	(13,552,024)
Increase in intangible assets	(2,523,472)	(969,900)	(2,523,472)	(440,200)
Proceeds from sales of equipment	3,501,894	6,140,636	224,673	930,327
Interest received	4,717,305	-	9,424,675	6,108,541
Dividend received from subsidiaries	-	-	643,162,836	755,733,095
Dividend received from jointly controlled entities	27,600,000	16,800,000	27,600,000	16,800,000
Cash paid for interest capitalised as part of project costs during construction phase	(2,805,164)	(4,122,915)	-	-
<b>Net cash flows from (used in) investing activities</b>	<b>986,790,693</b>	<b>(1,943,040,561)</b>	<b>1,108,096,815</b>	<b>(2,628,606,544)</b>
<b>Cash flows from financing activities</b>				
Decrease in long-term loans from financial institutions	(522,494,325)	(7,812,120,374)	-	-
Payment of principal portion of lease liabilities	(29,613,703)	-	(21,238,396)	-
Cash paid for interest on lease liabilities	(9,330,200)	-	(2,641,997)	-
Cash receipt from issuance of debentures	5,600,000,000	6,000,000,000	4,000,000,000	-
Repayment of debentures	(2,100,000,000)	(600,000,000)	-	-
Cash paid for issuance of debentures fees	(7,974,321)	(39,460,111)	(4,616,366)	-
Interest paid	(703,297,809)	(772,740,877)	-	-
Dividend paid	(243,881,461)	(206,360,000)	(243,881,461)	(206,360,000)
Dividend paid of the subsidiaries	(530,035,913)	(679,770,150)	-	-
Cash received from exercise of warrants	4,140	4,556,292,234	4,140	4,556,292,234
<b>Net cash flows from financing activities</b>	<b>1,453,376,408</b>	<b>445,840,722</b>	<b>3,727,625,920</b>	<b>4,349,932,234</b>
<b>Effect of exchange rate changes on cash and cash equivalents</b>	<b>(547,133)</b>	<b>228,192</b>	<b>-</b>	<b>-</b>
<b>Net increase in cash and cash equivalents</b>	<b>4,684,886,338</b>	<b>1,627,606,467</b>	<b>4,555,511,783</b>	<b>1,436,427,684</b>
Cash and cash equivalents at beginning of year	4,214,184,164	2,586,577,697	1,539,625,273	103,197,589
<b>Cash and cash equivalents at end of year</b>	<b>8,899,070,502</b>	<b>4,214,184,164</b>	<b>6,095,137,056</b>	<b>1,539,625,273</b>

The accompanying notes are an integral part of the financial statements.

## CK Power Public Company Limited and its subsidiaries

Cash flow statement (continued)  
For the year ended 31 December 2020

(Unit: Baht)

	Consolidated financial statements		Separate financial statements	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
<b>Supplemental disclosures of cash flows information</b>				
Non-cash transactions				
Increase in project costs during construction phase				
from interest payables	-	92,824	-	-
Increase in project costs during construction phase				
from provision for decommissioning	317,810	1,748,578	-	-
Increase in equipment from other payables	-	1,298,858	-	2,643,888
Transfer project costs during construction phase to plant and equipment	105,133,922	175,091,677	-	-
Transfer project costs during construction phase to				
finance lease receivable - related party	-	2,972,649,189	-	-
Transfer assets of hydroelectric power project under concession				
agreement to finance lease receivable - related party	-	962,073,072	-	-
Transfer plant and equipment to finance lease receivable - related party	-	4,553,283	-	-
Transfer spare parts and supplies to finance lease receivable - related party	-	701,918	-	-
Increase in right-of-use assets from lease liabilities	29,709,577	-	22,374,386	-

The accompanying notes are an integral part of the financial statements.

## CK Power Public Company Limited and its subsidiaries

Notes to consolidated financial statements  
For the year ended 31 December 2020

**1. General information****1.1 Corporate information**

CK Power Public Company Limited (“the Company”) is a limited company incorporated on 8 June 2011 and domiciled in Thailand and registered the change in the Company’s status to a public company limited, in accordance with the Public Limited Companies Act B.E. 2535, on 6 February 2013. The major shareholder of the Company is CH. Karnchang Public Company Limited, which is incorporated in Thailand. The Company is principally engaged in investment in companies whose the principal business operation is the generation of electricity for sales, and provision of consulting services and other services relating to electricity generating projects both locally and overseas.

The registered office of the Company is at 587 Viriyathavorn Building 19<sup>th</sup> Floor, Sutthisarn Road, Kwaeng Ratchadapisek, Khet Dindaeng, Bangkok.

**1.2 Coronavirus disease 2019 Pandemic**

The Coronavirus disease 2019 pandemic is adversely impacting most businesses and industries. This situation may bring uncertainties and have an impact on the environment in which the group operates. The Group’s management has continuously monitored ongoing developments and assessed the financial impact in respect of the valuation of assets, provisions and contingent liabilities, and has used estimates and judgement in respect of various issues as the situation has evolved.

**2. Basis of preparation**

- 2.1 The financial statements have been prepared in accordance with Thai Financial Reporting Standards enunciated under the Accounting Professions Act B.E. 2547 and their presentation has been made in compliance with the stipulations of the Notification of the Department of Business Development dated, issued under the Accounting Act B.E. 2543.

The financial statements in Thai language are the official statutory financial statements of the Company. The financial statements in English language have been translated from the Thai language financial statements.

The financial statements have been prepared on a historical cost basis except where otherwise disclosed in the accounting policies.

## 2.2 Basis of consolidation

- a) The consolidated financial statements include the financial statements of CK Power Public Company Limited (“the Company”) and the following subsidiary companies (“the subsidiaries”):

Company's name	Nature of business	Country of incorporation	Percentage of shareholding	
			<u>2020</u>	<u>2019</u>
			Percent	Percent
<b><u>Investments in subsidiaries</u></b>				
<b>(held by Company)</b>				
SouthEast Asia Energy Limited (including equity interest in Nam Ngum 2 Power Company Limited )	Investing in Nam Ngum 2 Power Company Limited	Thailand	61.33	61.33
Bangkhenchai Company Limited	Generating and sale of electricity for solar power	Thailand	100	100
Bangpa-in Cogeneration Limited	Generating and sale of electric power and power from other sources	Thailand	65	65
CKP Solar Company Limited <sup>(1)</sup>	Generating and sale of electricity	Thailand	100	100
Apollo Power Company Limited <sup>(1)</sup>	Generating and sale of electricity	Thailand	100	100
Vis Solis Company Limited <sup>(1)</sup>	Generating and sale of electricity	Thailand	100	100
Sole Power Company Limited <sup>(1)</sup>	Generating and sale of electricity	Thailand	100	100
Helios Power Company Limited <sup>(1)</sup>	Generating and sale of electricity	Thailand	100	100
<b>(held by subsidiary company)</b>				
Nam Ngum 2 Power Company Limited (75 percent held by SouthEast Asia Energy Limited)	Generating and sale of electricity for the Nam Ngum 2 Hydroelectric Power Project	Lao People's Democratic Republic	46	46

<sup>(1)</sup> Not commenced their business activities

- b) The Company is deemed to have control over an investee or subsidiaries if it has rights, or is exposed, to variable returns from its involvement with the investee, and it has the ability to direct the activities that affect the amount of its returns.
  - c) Subsidiaries are fully consolidated, being the date on which the Company obtains control, and continue to be consolidated until the date when such control ceases.
  - d) The financial statements of the subsidiaries are prepared using the same significant accounting policies as the Company.
  - e) Material balances and transactions between the Group has been eliminated from the consolidated financial statements.
  - f) Non-controlling interests represent the portion of profit or loss and net assets of the subsidiaries that are not held by the Company and are presented separately in the consolidated profit or loss and within equity in the consolidated statement of financial position.
- 2.3 The separate financial statements present investments in subsidiaries, jointly controlled entities and associate under the cost method.

### 3. New financial reporting standards

#### (a) Financial reporting standards that became effective in the current year

During the year, the Group has adopted the revised (revised 2019) and new financial reporting standards and interpretations which are effective for fiscal years beginning on or after 1 January 2020. These financial reporting standards were aimed at alignment with the corresponding International Financial Reporting Standards with most of the changes directed towards clarifying accounting treatment and providing accounting guidance for users of the standards. The adoption of these financial reporting standards does not have any significant impact on the Group's financial statements. However, the new standard involves changes to key principles, which are summarised below:

### Financial reporting standards related to financial instruments

The set of TFRSs related to financial instruments consists of five accounting standards and interpretations, as follows:

Financial reporting standards:

TFRS 7	Financial Instruments: Disclosures
TFRS 9	Financial Instruments

Accounting standard:

TAS 32	Financial Instruments: Presentation
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Financial Reporting Standard Interpretations:

TFRIC 16	Hedges of a Net Investment in a Foreign Operation
TFRIC 19	Extinguishing Financial Liabilities with Equity Instruments

These TFRSs related to financial instruments make stipulations relating to the classification of financial instruments and their measurement at fair value or amortised cost (taking into account the type of instrument, the characteristics of the contractual cash flows and the Company's business model), calculation of impairment using the expected credit loss method, and hedge accounting. These include stipulations regarding the presentation and disclosure of financial instruments.

The adoption of these standards has the impact on the Group's financial statements to result in the following adjustments.

- Classification and measurement of investments in available-for-sale - The Group's available-for-sale investments in unit trust in fixed income open-ended fund are measured at fair value through other comprehensive income. The Group has decided to classify these investments as financial assets at fair value through profit or loss. The cumulative gains (or losses) on changes in the value of reclassified available-for-sale investments that were previously presented in other comprehensive income is to be reclassified to retained earnings.

The Group recognised the cumulative effect of the adoption of these financial reporting standards as an adjustment to the retained earnings and other components of shareholders' equity as at 1 January 2020, and the comparative information was not restated.

The cumulative effect of the change is described in Note 4.

### **TFRS 16 Leases**

TFRS 16 supersedes TAS 17 Leases together with related Interpretations. The standard sets out the principles for the recognition, measurement, presentation and disclosure of leases, and requires a lessee to recognise assets and liabilities for all leases with a term of more than 12 months, unless the underlying asset is low value.

Accounting by lessors under TFRS 16 is substantially unchanged from TAS 17. Lessors will continue to classify leases as either operating or finance leases.

The Group recognised the cumulative effect of the adoption of this financial reporting standard an adjustment to the retained earnings as at 1 January 2020, and the comparative information was not restated.

The cumulative effect of the change is described in Note 4.

#### **(b) Financial reporting standards that became effective for fiscal years beginning on or after 1 January 2021**

The Federation of Accounting Professions issued a number of revised financial reporting standards and interpretations, which are effective for fiscal years beginning on or after 1 January 2021. These financial reporting standards were aimed at alignment with the corresponding International Financial Reporting Standards with most of the changes directed towards clarifying accounting treatment and providing accounting guidance for users of the standards.

The management of the Group is currently evaluating the impact of these standards to the financial statements in the year when they are adopted.

#### **4. Cumulative effects of changes in accounting policies due to the adoption of new financial reporting standards**

As described in Note 3 to the financial statements, during the current year, the Group has adopted the set of financial reporting standards related to financial instruments and TFRS 16. The cumulative effect of initially applying these standards was recognised as an adjustment to retained earnings and other components of shareholders' equity as at 1 January 2020. Therefore, the comparative information was not restated.

The impacts on changes in accounting policies on the statements of financial position at the beginning of 2020 due to the adoption of these standards are presented as follows:

(Unit: Thousand Baht)

	Consolidated financial statements			
	The effect of			
	31 December	Financial		1 January
	2019	reporting		2020
		standards		
		related to		
		financial		
		instruments	TFRS 16	
<b>Statement of financial position</b>				
<b>Assets</b>				
<b>Current assets</b>				
Current investments	694,855	(694,855)	-	-
Other current financial assets	-	694,855	-	694,855
<b>Non-current assets</b>				
Right-of-use assets	-	-	396,124	396,124
<b>Liabilities and shareholders' equity</b>				
<b>Current liabilities</b>				
Current portion of lease liabilities	-	-	31,146	31,146
<b>Non-current liabilities</b>				
Lease liabilities, net of current portion	-	-	364,978	364,978
<b>Shareholders' equity</b>				
Retained earnings - unappropriated	1,635,211	24,787	-	1,659,998
Other components of shareholders' equity	328,879	(24,787)	-	304,092



(Unit: Thousand Baht)				
	Separate financial statements			
		The effect of		
	31 December	Financial		1 January
	2019	reporting		2020
		standards		
		related to		
		financial		
		instruments	TFRS 16	
Statement of financial position				
Assets				
Current assets				
Current investments	461,656	(461,656)	-	-
Other current financial assets	-	461,656	-	461,656
Non-current assets				
Right-of-use assets	-	-	128,894	128,894
Liabilities and shareholders' equity				
Current liabilities				
Current portion of lease liabilities	-	-	19,872	19,872
Non-current liabilities				
Lease liabilities, net of current portion	-	-	109,022	109,022
Shareholders' equity				
Retained earnings - unappropriated	1,483,910	18,945	-	1,502,855
Other components of shareholders' equity	18,945	(18,945)	-	-

#### 4.1 Financial instruments

- a) Details of the impact on retained earnings and other components of shareholders' equity as at 1 January 2020 due to the adoption of financial reporting standards related to financial instruments are presented as follows:

(Unit: Thousand Baht)

	Consolidated financial statements		Separate financial statements	
	Retained earnings	Other components of shareholders' equity	Retained earnings	Other components of shareholders' equity
Classification of available-for-sale investments as financial assets at fair value through profit or loss	24,787	(24,787)	18,945	(18,945)

- b) As at 1 January 2020, classification and measurement of financial assets required by TFRS 9, in comparison with classification and the former carrying amount, are as follows:

(Unit: Thousand Baht)

	Consolidated financial statements			
	The formal carrying			
	amount	Classification and measurement in accordance with TFRS 9		
		Fair value through		
		profit or loss	Amortised cost	Total
<b>Financial assets as at 1 January 2020</b>				
Cash and cash equivalents	4,214,148	-	4,214,148	4,214,148
Other current financial assets	694,855	694,855	-	694,855
Trade and other receivables	1,292,196	-	1,292,196	1,292,196
Finance lease receivable - related party	3,859,787	-	3,859,787	3,859,787
Long-term restricted bank deposits	459,336	-	459,336	459,336
Long-term loans to associated company and interest receivable	3,054,308	-	3,054,308	3,054,308
<b>Total financial assets</b>	<b>13,574,630</b>	<b>694,855</b>	<b>12,879,775</b>	<b>13,574,630</b>

(Unit: Thousand Baht)

	Separate financial statements			
	The formal carrying			
	amount	Classification and measurement in accordance with TFRS 9		
		Fair value through		
		profit or loss	Amortised cost	Total
<b>Financial assets as at 1 January 2020</b>				
Cash and cash equivalents	1,539,625	-	1,539,625	1,539,625
Other current financial assets	461,656	461,656	-	461,656
Trade and other receivables	34,242	-	34,242	34,242
Long-term loans to subsidiary and interest receivable	279,124	-	279,124	279,124
Long-term loans to associated company and interest receivable	3,054,308	-	3,054,308	3,054,308
<b>Total financial assets</b>	<b>5,368,955</b>	<b>461,656</b>	<b>4,907,299</b>	<b>5,368,955</b>

As at 1 January 2020, the Group has not designated any financial liabilities at fair value through profit or loss.

## 4.2 Leases

On adoption of TFRS 16, the Group recognised lease liabilities in relation to leases that previously classified as operating leases measured at the present value of the remaining lease payments, discounted using the Group's incremental borrowing rate as of 1 January 2020. For leases that previously classified as finance leases, the Group recognised the carrying amount of the lease assets and lease liabilities before transition as right-of-use assets and lease liabilities, respectively at the date of initial application.

(Unit: Thousand Baht)

	Consolidated	Separate
	financial statements	financial statements
Operating lease commitments as at 31 December 2019	93,893	50,638
Less: Short-term leases and leases of low-value assets	(664)	(545)
Add: Option to extend lease term	401,088	90,176
Less: Deferred interest expenses	(98,193)	(11,375)
Lease liabilities as at 1 January 2020	396,124	128,894
Weighted average incremental borrowing rate (percent per annum)	2.32	2.01

	(Unit: Thousand Baht)	
	Consolidated	Separate
	financial statements	financial statements
Comprise of:		
Current lease liabilities	31,146	19,872
Non-current lease liabilities	364,978	109,022
	<u>396,124</u>	<u>128,894</u>

## 5. Significant accounting policies

### 5.1 Business Combinations

The Company accounts for business combinations under the acquisition method. The cost of acquisition is the sum of the transferred consideration at its acquisition-date fair value and any non-controlling interest in the acquiree. Non-controlling interests (if any) in the acquiree are measured at either fair value or the non-controlling interest's proportionate share of the acquiree's identifiable net assets.

The Company recognises cost of acquisition as an expense when it is incurred and when service has been rendered.

### 5.2 Revenue and expense recognition

#### *Revenue from sales of electricity and steam*

Revenue from sale of electricity and stream is recognised when control of the asset is transferred to the buyer, generally upon delivery of the electricity and stream. Revenue is measured at the amount of the consideration received or receivable, excluding value added tax, of goods supplied after deducting returns and discounts.

Revenue from sales of electricity from the hydroelectric power project is recognised based on the amount of electricity agreed to be sold to the Electricity Generating Authority of Thailand (actual amount of electricity delivered and electricity available and awaiting delivery to Electricity Generating Authority of Thailand) and the rates stipulated in the Power Purchase Agreement.

Revenue from sales of electricity from solar power includes electricity tariff adder and fuel adjustment charges (Ft) but is net of the Provincial Electricity Authority's operating charges.

#### *Project management income*

Project management income is recognised when services have been rendered taking into account the stage of completion. This is based on the amount that the Group has a right to invoice as it corresponds directly with the value to the customer of the Company's and its subsidiaries' performance completed to date.

### *Interest income*

Interest income is calculated using the effective interest method and recognised on an accrual basis. The effective interest rate is applied to the gross carrying amount of a financial asset, unless the financial assets subsequently become credit-impaired then it is applied to the net carrying amount of the financial asset (net of the expected credit loss allowance).

### *Dividends*

Dividends are recognised when the right to receive the dividends is established.

### *Finance cost*

Interest expense from financial liabilities at amortised cost is calculated using the effective interest method and recognised on an accrual basis.

### *Other revenues and expenses*

Other revenues and expenses are recognised on an accrual basis.

## **5.3 Cash and cash equivalents**

Cash and cash equivalents consist of cash on hand, cash at banks, and all highly liquid investments with an original maturity of three months or less and not subject to withdrawal restrictions.

## **5.4 Spare parts and supplies**

Spare parts and supplies are valued at the lower of cost (under the weighted average method) and net realisable value and are charged to production costs whenever consumed.

## **5.5 Investments in subsidiaries, jointly controlled entities and associates**

Investments in jointly controlled entities and associates are accounted for in the consolidated financial statements using the equity method.

Investments in subsidiaries, jointly controlled entities and associates are accounted for in the separate financial statements using the cost method.

## **5.6 Right to produce and sell electricity and amortisation**

Intangible assets (Right to produce and sell electricity) acquired in a business combination were measured initially at their acquisition-date fair values. Subsequent to initial recognition, right to produce and sell electricity has been stated at cost less accumulated amortisation and allowance for loss on impairment (if any).

Amortisation of rights to produce and sell electricity is calculated by reference to cost on a straight-line basis over the remaining terms of the rights to produce and sell electricity, from the date on which the Company assumes control over the subsidiaries or, if the subsidiary has not yet commenced sale of electricity at the date the Company assumes control, recognition of amortisation begins from the date on which the subsidiary first sells electricity under the Power Purchase Agreement (estimated around 10 to 27 years). The Company reviews assets for impairment whenever events or changes in circumstances indicate that an asset may be impaired, and reviews the amortisation period and the amortisation method used for right to produce and sell electricity at least every year. Amortisation is recognised as an expense in profit or loss.

#### **5.7 Project costs during construction phase**

All expenditures and other related expenses which are incurred during the construction of a power plant to enable it to become operational are capitalised as assets. Such project costs during construction phase include, inter alia, project administrative and management costs, consulting fees, design fees, interests and other financing costs.

#### **5.8 Assets of hydroelectric power project under concession agreement**

Nam Ngum 2 Power Company Limited capitalised all expenditures and other expenses related to the construction of the hydroelectric power plant as assets under the caption "Assets of hydroelectric power project under concession agreement" in the statement of financial position.

Assets of the hydroelectric power project under the concession agreement are stated at costs less accumulated depreciation and allowance for loss on impairment of assets (if any). Depreciation of assets of the hydroelectric power project under the concession agreement are calculated by reference to their costs on the straight-line basis over estimated useful lives of 6 and 27 years, in accordance with the concession agreement. Depreciation is included in determining income.

#### **5.9 Property, plant and equipment/Depreciation**

Land is stated at cost. Building and equipment are stated at cost less accumulated depreciation and allowance for loss on impairment of assets (if any).

Depreciation of building and equipment is calculated by reference to their costs on the straight-line basis over the following estimated useful lives:

Solar Power Plant	5, 20 and 25 years
Thermal Power Plant and equipment	5 to 29 years
Plant	10 and 20 years
Leased asset improvements	10 years
Leased asset improvements of the subsidiary	10 to 24 years
Equipment, furniture and office equipment	3, 5, 6, 10 and 20 years
Motor vehicles	5 and 8 years

Depreciation is included in determining the operating result.

No depreciation is provided on land and assets under construction.

#### 5.10 Leases

At inception of contract, the Group assesses whether a contract is, or contains, a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

##### The Group as a lessee

##### Accounting policies adopted since 1 January 2020

The Group applied a single recognition and measurement approach for all leases, except for short-term leases and leases of low-value assets. At the commencement date of the lease (i.e. the date the underlying asset is available for use), the Group recognises right-of-use assets representing the right to use underlying assets and lease liabilities based on lease payments.

##### **Right-of-use assets**

Right-of-use assets are measured at cost, less any accumulated depreciation, any accumulated impairment losses, and adjusted for any remeasurement of lease liabilities. The cost of right-of-use assets includes the amount of lease liabilities initially recognised, initial direct costs incurred, and lease payments made at or before the commencement date of the lease less any lease incentives received.

Depreciation of right-of-use assets are calculated by reference to their costs on the straight-line basis over the shorter of their estimated useful lives and the lease term.

Land and land improvements	19 to 24 years
Building and building improvements	9 to 10 years
Motor vehicles	1 to 5 years

If ownership of the leased asset is transferred to the Group at the end of the lease term or the cost reflects the exercise of a purchase option, depreciation is calculated using the estimated useful life of the asset.

***Lease liabilities***

Lease liabilities are measured at the present value of the lease payments to be made over the lease term. The lease payments include fixed payments less any lease incentives receivable, variable lease payments that depend on an index or a rate, and amounts expected to be payable under residual value guarantees. Moreover, the lease payments include the exercise price of a purchase option reasonably certain to be exercised by the Group and payments of penalties for terminating the lease, if the lease term reflects the Group exercising an option to terminate.

The Group discounted the present value of the lease payments by the interest rate implicit in the lease or the Group's incremental borrowing rate. After the commencement date, the amount of lease liabilities is increased to reflect the accretion of interest and reduced for the lease payments made. In addition, the carrying amount of lease liabilities is remeasured if there is a change in the lease term, a change in the lease payments or a change in the assessment of an option to purchase the underlying asset.

***Short-term leases and leases of low-value assets***

A lease that has a lease term less than or equal to 12 months from commencement date or a lease of low-value assets is recognised as expenses on a straight-line basis over the lease term.

***Accounting policies adopted before 1 January 2020***

Leases of property, plant and equipment which transfer substantially all the risks and rewards of ownership are classified as finance leases. Finance leases are capitalised at the lower of the fair value of the leased assets and the present value of the minimum lease payments. The outstanding rental obligations, net of finance charges, are included in other long-term payables, while the interest element is charged to profit or loss over the lease period. The assets acquired under finance leases are depreciated over the useful life of the assets.

Leases of property, plant or equipment which do not transfer substantially all the risks and rewards of ownership are classified as operating leases. Operating lease payments are recognised as an expense in profit or loss on a straight-line basis over the lease term.



### **The Group as a lessor**

A lease that transfers substantially all the risks and rewards incidental to ownership of an underlying asset to a lessee is classified as finance leases. As at the commencement date, an asset held under a finance lease is recognised as a receivable at an amount equal to the net investment in the lease or the present value of the lease payments receivable and any unguaranteed residual value. Subsequently, finance income is recognised over the lease term to reflect a constant periodic rate of return on the net investment in the lease.

The Group's management considers the arrangement under the Power Purchase Agreement ("PPA") between Nam Ngum 2 Power Company Limited and the Electricity Generating Authority of Thailand ("EGAT") based on the principles of TFRS 16 Leases, the subsidiary retains the risks and rewards of ownership of a majority of the assets of the Nam Ngum 2 Hydroelectric Power Project. The subsidiary therefore considers the agreement to be an operating lease.

Since the terms of the Power Purchase Agreement with EGAT do not stipulate a minimum amount that EGAT is to pay Nam Ngum 2 Power Company Limited, such company recognises revenue from sales of electricity under the project based on actual electricity sales to EGAT and the rates stipulated in the Power Purchase Agreement.

#### **5.11 Borrowing costs**

Borrowing costs directly attributable to the construction of the power plant project, which necessarily takes a substantial period of time to get ready for its intended use, are capitalised as part of the cost of the respective assets. All other borrowing costs are expensed in the period they are incurred. Borrowing costs consist of interest and other costs that an entity incurs in connection with the borrowing of funds.

#### **5.12 Intangible assets**

The intangible assets are carried at cost less any accumulated amortisation and any accumulated impairment losses (if any).

Intangible assets of the Group with finite lives are amortised on a systematic basis over the economic useful life and tested for impairment whenever there is an indication that the intangible assets may be impaired. The amortisation period and the amortisation method of such intangible assets are reviewed at least at each financial year end. The amortisation expense is charged to profit or loss.

Intangible assets with finite useful lives comprise computer software, and have useful lives of 3, 5 and 10 years.

### 5.13 Related party transactions

Related parties comprise individuals or enterprises that control, or are controlled by, the Company, whether directly or indirectly, or which are under common control with the Company.

They also include associated companies, and individuals or enterprises which directly or indirectly own a voting interest in the Company that gives them significant influence over the Company, key management personnel, directors, and officers with authority in the planning and direction of the Company's operations.

### 5.14 Foreign currencies

The consolidated and separate financial statements are presented in Baht, which is also the Company's functional currency.

Transactions in foreign currencies are translated into Baht at the exchange rate ruling at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are translated into Baht at the exchange rate ruling at the end of reporting period.

Gains and losses on exchange are included in determining the operating result. Gains and losses on exchange relevant to the construction of the power plant project are included as part of project costs during construction phase.

### 5.15 Impairment of non-financial assets

At the end of each reporting period, the Group performs impairment reviews in respect of the property, plant and equipment, right-of-use asset and other intangible assets whenever events or changes in circumstances indicate that an asset may be impaired. An impairment loss is recognised when the recoverable amount of an asset, which is the higher of the asset's fair value less costs to sell and its value in use, is less than the carrying amount. In determining value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. In determining fair value less costs to sell, an appropriate valuation model is used. These calculations are corroborated by a valuation model that, based on information available, reflects the amount that the Group could obtain from the disposal of the asset in an arm's length transaction between knowledgeable, willing parties, after deducting the costs of disposal.

An impairment loss is recognised in profit or loss.

## 5.16 Employee benefits

### ***Short-term employee benefits***

Salaries, wages, bonus, annual rewards and contributions to the social security fund are recognised as expenses when incurred.

### ***Post-employment benefits***

#### ***Defined contribution plans***

The Group and their employees have jointly established provident funds. The funds are monthly contributed by employees and by the Group. The fund's assets are held in separate trust funds and the Group's contributions are recognised as expenses when incurred.

#### ***Defined benefit plans***

The Group has obligations in respect of the severance payments they must make to employees upon retirement under labor law. The Group treats these severance payment obligations as a defined benefit plan.

The obligation under the defined benefit plan is determined by a professionally qualified independent actuary based on actuarial techniques, using the projected unit credit method.

Actuarial gains and losses arising from post-employment benefits are recognised immediately in other comprehensive income.

Past service costs are recognised in profit or loss on the earlier of the date of the plan amendment or curtailment and the date that the Group recognises restructuring-related costs.

## 5.17 Provisions

Provisions are recognised when the Group has a present obligation as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation.

## 5.18 Income tax

Income tax expense represents the sum of corporate income tax currently payable and deferred tax.

### ***Current tax***

Current income tax is provided in the accounts at the amount expected to be paid to the taxation authorities, based on calculation determined in accordance with tax legislation and concession agreement.

### Deferred tax

Deferred income tax is provided on temporary differences between the tax bases of assets and liabilities and their carrying amounts at the end of each reporting period, using the tax rates enacted at the end of the reporting period.

The Group recognises deferred tax liabilities for all taxable temporary differences while they recognise deferred tax assets for all deductible temporary differences and tax losses carried forward to the extent that it is probable that future taxable profit will be available against which such deductible temporary differences and tax losses carried forward can be utilised.

At each reporting date, the Group reviews and reduces the carrying amount of deferred tax assets to the extent that it is no longer probable that sufficient taxable profit will be available to allow all or part of the deferred tax asset to be utilised.

The Group records deferred tax directly to shareholders' equity if the tax relates to items that are recorded directly to shareholders' equity.

## 5.19 Financial instruments

### Accounting policies adopted since 1 January 2020

The Group initially measures financial assets at its fair value plus, in the case of financial assets that are not measured at fair value through profit or loss, transaction costs. However, trade receivables, that do not contain a significant financing component are measured at the transaction price as disclosed in the accounting policy relating to revenue recognition.

### **Classification and measurement of financial assets**

Financial assets are classified, at initial recognition, as to be subsequently measured at amortised cost, fair value through other comprehensive income (FVOCI), or fair value through profit or loss (FVTPL). The classification of financial assets at initial recognition is driven by the Group's business model for managing the financial assets and the contractual cash flows characteristics of the financial assets.

### **Financial assets at amortised cost**

The Group measures financial assets at amortised cost if the financial asset is held in order to collect contractual cash flows and the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Financial assets at amortised cost are subsequently measured using the effective interest rate (EIR) method and are subject to impairment. Gains and losses are recognised in profit or loss when the asset is derecognised, modified or impaired.

**Financial assets at FVTPL**

Financial assets measured at FVTPL are carried in the statement of financial position at fair value with net changes in fair value recognised in profit or loss.

These financial assets include derivatives, security investments held for trading, equity investments which the Group has not irrevocably elected to classify at FVOCI and financial assets with cash flows that are not solely payments of principal and interest.

**Classification and measurement of financial liabilities**

Except for derivative liabilities, at initial recognition the Group's financial liabilities are recognised at fair value net of transaction costs and classified as liabilities to be subsequently measured at amortised cost using the EIR method. Gains and losses are recognised in profit or loss when the liabilities are derecognised as well as through the EIR amortisation process. In determining amortised cost, the Group takes into account any fees or costs that are an integral part of the EIR. The EIR amortisation is included in finance costs in profit or loss.

**Derecognition of financial instruments**

A financial asset is primarily derecognised when the rights to receive cash flows from the asset have expired or have been transferred and either the Group has transferred substantially all the risks and rewards of the asset, or the Group has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

A financial liability is derecognised when the obligation under the liability is discharged or cancelled or expires. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as the derecognition of the original liability and the recognition of a new liability. The difference in the respective carrying amounts is recognised in profit or loss.

**Impairment of financial assets**

The Group recognises an allowance for expected credit losses (ECLs) for all debt instruments not held at FVTPL. ECLs are based on the difference between the contractual cash flows due in accordance with the contract and all the cash flows that the Group expects to receive, discounted at an approximation of the original effective interest rate.

For credit exposures for which there has not been a significant increase in credit risk since initial recognition, ECLs are provided for credit losses that result from default events that are possible within the next 12-months (a 12-month ECL). For those credit exposures for which there has been a significant increase in credit risk since initial recognition, a loss allowance is required for credit losses expected over the remaining life of the exposure (a lifetime ECL).

The Group considers a significant increase in credit risk to have occurred when contractual payments are more than 30 days past due, and considers a financial asset in default when contractual payments are 90 days past due. However, in certain cases, the Group may also consider a financial asset to have a significant increase in credit risk and to be in default using other internal or external information, such as credit rating of issuers.

For trade receivables and finance lease receivable, the Group applies a simplified approach in calculating ECLs. Therefore, the Group does not track changes in credit risk, but instead recognises a loss allowance based on lifetime ECLs at each reporting date. It is based on its historical credit loss experience and adjusted for forward-looking factors specific to the debtors and the economic environment.

A financial asset is written off when there is no reasonable expectation of recovering the contractual cash flows.

#### **Offsetting of financial instruments**

Financial assets and financial liabilities are offset, and the net amount is reported in the statement of financial position if there is a currently enforceable legal right to offset the recognised amounts and there is an intention to settle on a net basis, to realise the assets and settle the liabilities simultaneously.

#### **Accounting policies adopted before 1 January 2020**

##### **Trade accounts receivable**

Trade accounts receivable are stated at the net realisable value. Allowance for doubtful accounts is provided for the estimated losses that may be incurred in collection of receivables. The allowance is generally based on collection experience and analysis of debt aging.

##### **Investments**

Investments in available-for-sale securities are stated at fair value. Changes in the fair value of these securities are recorded in other comprehensive income, and will be recorded in profit or loss when the securities are sold.

The weighted average method is used for computation of the cost of investments.

## 5.20 Derivatives and hedge accounting

An associated company use a derivatives to manage its risks associated with interest rate, namely an interest rate swap agreement.

Derivatives are initially recognised at fair value on the date on which a derivative contract is entered into and are subsequently remeasured at fair value. The subsequent changes are recognised in profit or loss unless the derivative is designated and effective as a hedging instrument under cash flow hedge. Derivatives are carried as financial assets when the fair value is positive and as financial liabilities when the fair value is negative.

### Hedge accounting - Cash flow hedges

The effective portion of the gain or loss on the hedging instrument is recognised in other comprehensive income in the cash flow hedge reserve, while any ineffective portion is recognised immediately in profit or loss. The cash flow hedge reserve is adjusted to the lower (in absolute amounts) of the cumulative gain or loss on the hedging instrument and the cumulative change in fair value of the hedged item.

The way cash flow hedge reserve accumulated in other comprehensive income are subsequently accounted for, depends on the nature of the underlying hedged transaction. If the hedged transaction subsequently results in the recognition of a non-financial item, the reserve accumulated in equity is removed from the separate component of equity and included in the initial cost or other carrying amount of the hedged asset or liability. This is not a reclassification adjustment and is not recognised in other comprehensive income for the period. For any other cash flow hedges, the reserve accumulated in other comprehensive income is subsequently reclassified to profit or loss as a reclassification adjustment in the same period which the hedged cash flows affect profit or loss.

If cash flow hedge accounting is discontinued, the cash flow hedge reserve accumulated in other comprehensive income must remain in equity if the hedged future cash flows are still expected to occur. Otherwise, the reserve will be immediately reclassified to profit or loss as a reclassification adjustment. After discontinuation, once the hedged cash flow occurs, the way the reserve remaining in equity is accounted for depends on the nature of the underlying transaction as described above.

## 5.21 Fair value measurement

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between buyer and seller (market participants) at the measurement date. The Group applies a quoted market price in an active market to measure their assets and liabilities that are required to be measured at fair value by relevant financial reporting standards. Except in case of no active market of an identical asset or liability or when a quoted market price is not available, the Group measures fair value using valuation technique that are appropriate in the circumstances and maximises the use of relevant observable inputs related to assets and liabilities that are required to be measured at fair value.

All assets and liabilities for which fair value is measured or disclosed in the financial statements are categorised within the fair value hierarchy into three levels based on categorise of input to be used in fair value measurement as follows:

- Level 1 - Use of quoted market prices in an observable active market for such assets or liabilities
- Level 2 - Use of other observable inputs for such assets or liabilities, whether directly or indirectly
- Level 3 - Use of unobservable inputs such as estimates of future cash flows

At the end of each reporting period, the Group determines whether transfers have occurred between levels within the fair value hierarchy for assets and liabilities held at the end of the reporting period that are measured at fair value on a recurring basis.

## 6. Use of accounting estimates

The preparation of financial statements in conformity with financial reporting standards requires management to make estimates and assumptions in certain circumstances, affecting amounts reported in these financial statements and related notes. Actual results could differ from these estimates.



## 7. Related party transactions

During the years, the Group had significant business transactions with related parties. Such transactions, which are summarised below, arose in the ordinary course of business and were concluded on commercial terms and bases agreed upon between the Group and those related parties.

(Unit: Million Baht)

	Consolidated financial statements		Separate financial statements		Transfer pricing policy
	2020	2019	2020	2019	
<u>Transactions with subsidiaries</u>					
(eliminated from the consolidated financial statements)					
Project management income	-	-	196	191	Contract price
Dividend income	-	-	643	756	As declared
Finance income	-	-	9	6	Average rate of the financial costs of the Company plus a stipulated margin
Other income	-	-	7	6	Contract price
<u>Transactions with jointly controlled entities</u>					
Dividend income	-	-	28	17	As declared
<u>Transactions with associated companies</u>					
Project management income	163	149	163	149	Contract price
Finance income	104	34	167	54	Based on contracts
Other income	3	3	3	3	Contract price
<u>Transactions with related parties</u>					
Revenue from sales of electricity	1,730	3,055	-	-	Contract price
Project management income	5	5	-	-	Contract price
Finance income	345	351	-	-	Effective interest rate over the lease term
Cost of sales of electricity and steam	3,401	3,926	-	-	Contract price
Administrative expenses	6	13	3	12	Contract price
Dividend payment of subsidiaries	530	680	-	-	As declared

The balances of the accounts as at 31 December 2020 and 2019 between the Group and those related parties are as follows:

(Unit: Thousand Baht)					
Related by		Consolidated		Separate	
		financial statements		financial statements	
		<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
<b><u>Trade and other receivables - related parties (Note 9)</u></b>					
<b>Trade receivables - related parties</b>					
Subsidiaries		-	-	19,556	19,224
Associated company		14,328	14,793	14,328	14,793
Related parties					
- Electricity Generating Authority of Thailand	Major shareholder of a shareholder of a subsidiary	131,541	416,601	-	-
- TTW Public Company Limited	Common directors	1,128	1,158	-	-
		<u>146,997</u>	<u>432,552</u>	<u>33,884</u>	<u>34,017</u>
<b>Other receivable - related parties</b>					
<b>a) Other receivable - related parties</b>					
Related parties					
- Electricity Generating Authority of Thailand	Major shareholder of a shareholder of a subsidiary	107	149	-	-
- The Government of the Lao People's Democratic Republic	A group shareholder of a subsidiary	184,299	81,564	-	-
		<u>184,406</u>	<u>81,713</u>	<u>-</u>	<u>-</u>
<b>b) Accrued income - related parties</b>					
Subsidiary		-	-	-	25
Associated company		5,000	178	5,000	178
		<u>5,000</u>	<u>178</u>	<u>5,000</u>	<u>203</u>
Total trade and other receivables - related parties		<u>336,403</u>	<u>514,443</u>	<u>38,884</u>	<u>34,220</u>
<b><u>Retention/deposit - related companies</u></b>					
- CH. Kamchang Public Company Limited	Common directors	2,615	2,203	2,615	2,047
- Bangpa-in Land Development Company Limited	Common directors	690	690	-	-
		<u>3,305</u>	<u>2,893</u>	<u>2,615</u>	<u>2,047</u>

**Finance lease receivable - related party**

The outstanding balance of finance lease receivables net of unearned income between Nam Ngum 2 Power Company Limited and the related party is as follows:

	(Unit: Thousand Baht)	
	Consolidated financial statements	
	2020	2019
<b>Related party</b> (A group of shareholder of the subsidiary)		
- The Government of the Lao People's Democratic Republic	3,831,182	3,859,787
Less: Current portion	(153,746)	(87,265)
Finance lease receivables - related party, net of current portion	<u>3,677,436</u>	<u>3,772,522</u>

The balance of finance lease receivable - related party was the construction cost of Nabong Substation Project, which the Government of the Lao People's Democratic Republic ("the GOL") is responsible for the construction cost as stipulated in the concession agreement. On 1 August 2019, Nam Ngum 2 Power Company Limited entered into the agreement on the Nabong substation upgrading and lease with the GOL, effective on 1 January 2019.

As at 31 December 2020, Nam Ngum 2 Power Company Limited had receivables under the lease agreement on Nabong substation and 500 kV transmission lines, which the period of this agreement is valid until the end of the concession period of the Nam Ngum 2 Hydroelectric Power Project and interest is charged at effective interest rate over the lease term as follows:

	(Unit: Thousand Baht)			
	Consolidated financial statements			
	Amounts of installments due under the contract			
	Less than			
	1 year	2 - 5 years	Over 5 years	Total
Finance lease receivable	474,949	1,665,156	5,272,994	7,413,099
Unearned interest income	(321,203)	(1,191,600)	(2,069,114)	(3,581,917)
Finance lease receivable - net	<u>153,746</u>	<u>473,556</u>	<u>3,203,880</u>	<u>3,831,182</u>

**Long-term loans to subsidiary and interest receivable**

As at 31 December 2020 and 2019, the balances of long-term loans to subsidiary and interest receivable between the Group and the movement in these balances are as follows:

(Unit: Thousand Baht)

	Separate financial statements			
	Balance as at 31 December 2019	Increase during the year	Decrease during the year	Balance as at 31 December 2020
<b>Loans:</b>				
- Bangkhengchai Company Limited	279,000	11,000	(8,700)	281,300
<b>Interest receivable:</b>				
- Bangkhengchai Company Limited	124	9,350	(9,425)	49
	279,124	20,350	(18,125)	281,349
Less: Current portion of long-term loans	(8,494)			(14,839)
long-term loans, net of current portion	270,630			266,510

On 7 June 2018, a meeting of the Company's Board of Directors passed a resolution approving the provision of a loan of approximately Baht 290 million to Bangkhengchai Company Limited for investment in solar rooftop or solar farm projects. The loan is to carry interest at the average rate of the financial costs of the Company plus a stipulated margin and interest is payable to the Company every last working day of the month, while principal is payable at the end of every year and the final payment is due in 2034.

On 21 November 2019, a meeting of the Company's Board of Directors passed a resolution approving to extend the repayment period to be completed in 2037. The first payment of principal is due on the last working day of December 2020. Bangkhengchai Company Limited is able made early repayment of the principal by providing a letter to the Company 30 days in advance of the full payment of the principal before that date.

As at 31 December 2020, Bangkhengchai Company Limited had fully drawn down the loan.

**Long-term loans to associated company and interest receivable**

As at 31 December 2020 and 2019, the balances of long-term loans to associated company and interest receivable between the Company and the associated company and the movement are as follows:

(Unit: Thousand Baht)

	Consolidated financial statements and Separate financial statements			
	Balance as at 31 December 2019	Increase during the year	Decrease during the year	Balance as at 31 December 2020
<b>Loans:</b>				
- Xayaburi Power Company Limited	3,000,000	-	-	3,000,000
<b>Interest receivable:</b>				
- Xayaburi Power Company Limited	54,308	166,921	-	221,229
	3,054,308	166,921	-	3,221,229

On 11 July 2019 and 21 November 2019, the Board of Directors' Meeting passed a resolution approving the loan to Xayaburi Power Company Limited of Baht 2,000 million and Baht 2,400 million, respectively and entered into a loan agreement with Xayaburi Power Company Limited according to the same conditions as specified in the Sponsors Support Agreement. The loans are to carry interest at the Minimum Loan Rate plus a stipulated margin (MLR + margin) per annum during the construction period and the interest rates are to be reduced from the Commercial Operation Date. The loans are to be repaid in accordance with the loan repayment schedule for the loans from the financial institutions for this project; however, the payment of principal and interest will be subject to the cash flows available to the shareholders after fulfillment of all conditions stipulated in the long-term loan agreements.

As at 31 December 2020, Xayaburi Power Company Limited had drawn down Baht 3,000 million.

(Unit: Thousand Baht)					
		Consolidated		Separate	
	Related by	financial statements		financial statements	
		<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
<b>Trade and other payables - related parties (Note 22)</b>					
<b>Trade payables - related parties</b>					
Related parties					
- PT Sole Company Limited	Common directors	21,716	19,776	-	-
- Electricité du Laos	Major shareholder of a shareholder of a subsidiary	1,176	4,400	-	-
- Electricity Generating Authority of Thailand	Major shareholder of a shareholder of a subsidiary	16,417	16,182	-	-
- The Government of the Lao People's Democratic Republic	A group shareholder of a subsidiary	31,905	41,235	-	-
- PTT Public Company Limited	A group shareholder of a subsidiary	230,480	262,602	-	-
- Bangpa-in Land Development Company Limited	Common directors	141	83	-	-
- TTW Public Company Limited	Common directors	4,359	4,165	-	-
		<u>306,194</u>	<u>348,443</u>	<u>-</u>	<u>-</u>
<b>Other payables - related parties</b>					
Related parties					
- CH. Karnchang Public Company Limited	Common directors	673	839	619	785
- PT Sole Company Limited	Common directors	1,510	-	-	-
- Bangpa-in Land Development Company Limited	Common directors	-	62	-	-
- Electricité du Laos	Major shareholder of a shareholder of a subsidiary	21	13	-	-
		<u>2,204</u>	<u>914</u>	<u>619</u>	<u>785</u>
Total trade and other payables - related parties		308,398	349,357	619	785

		(Unit: Thousand Baht)			
	Related by	Consolidated		Separate	
		financial statements		financial statements	
		<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
<b><u>Lease liabilities - related parties (Note 19)</u></b>					
Related parties					
- The Government of the Lao People's Democratic Republic	A group shareholder of a subsidiary	25,161	-	-	-
- CH. Karnchang Public Company Limited	Common directors	88,372	-	88,372	-
- Bangpa-in Land Development Company Limited	Common directors	105,941	-	-	-
		219,474	-	88,372	-
Less: Current portion of lease liabilities		(12,350)	-	(8,969)	-
Lease liabilities, net of current portion		207,124	-	79,403	-

**Retention payable - related company**

- PT Sole Company Limited	Common directors	724	724	-	-
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**Other long-term liabilities - related party (Note 26)**

- Electricity Generating Authority of Thailand	Major shareholder of a shareholder of a subsidiary	309,857	289,602	-	-
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**Directors and management's benefits**

During the years ended 31 December 2020 and 2019, the Group had employee benefit expenses of their directors and management as below.

		(Unit: Million Baht)			
		Consolidated		Separate	
		financial statements		financial statements	
		<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Short-term employee benefits		131.8	131.9	96.5	92.1
Post-employment benefits		6.0	5.8	5.3	5.2
Total		<u>137.8</u>	<u>137.7</u>	<u>101.8</u>	<u>97.3</u>

**8. Cash and cash equivalents**

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Cash	745	681	177	163
Bank deposits	8,898,326	4,213,503	6,094,960	1,539,462
Total	<u>8,899,071</u>	<u>4,214,184</u>	<u>6,095,137</u>	<u>1,539,625</u>

The subsidiaries have pledged and assigned rights of claim in bank accounts with outstanding balances as at 31 December 2020 totaling approximately Baht 1,150 million (2019: Baht 1,098 million) with lenders to secure long-term loans of the subsidiaries, in accordance with conditions stipulated in the long-term loan agreements. However, the subsidiaries are able to withdraw these deposits for payments of their regular operating expenses, in accordance with purpose of each account.

As at 31 December 2020, bank deposits in saving accounts and fixed accounts carried interests between 0.03 to 1.25 percent per annum (2019: 0.05 to 1.00 percent per annum).

**9. Trade and other receivables**

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Trade receivables - related parties	146,997	432,552	33,884	34,017
Trade receivables - unrelated parties	717,249	775,287	-	-
Other receivable - related parties	184,406	81,713	-	-
Other receivables - unrelated parties	-	7	-	7
Accrued income - related parties	5,000	178	5,000	203
Interest receivables	788	2,459	100	15
Total trade and other receivables	<u>1,054,440</u>	<u>1,292,196</u>	<u>38,984</u>	<u>34,242</u>

As at 31 December 2020 and 2019, the balance of trade and other receivables are not yet due.



**10. Other current financial assets**

	(Unit: Thousand Baht)	
	31 December 2020	
	Consolidated financial statements	Separate financial statements
<b>Debt instruments at amortised cost</b>		
Fixed deposit	1,083	1,083
<b>Financial assets at fair value through profit or loss</b>		
Unit trust in fixed income open-ended fund	429	332
Add: Unrealised gain on changes in value of investments	5	4
Fair value	434	336
<b>Total other current financial assets</b>	<b>1,517</b>	<b>1,419</b>

**11. Long-term restricted bank deposits**

The subsidiaries have pledged and assigned rights of claim on bank accounts with outstanding balances as at 31 December 2020 totaling approximately Baht 460 million (2019: Baht 459 million) with lenders to secure bank guarantees and to secure long-term loans of that companies in accordance with conditions stipulated in the long-term loan agreements. Those bank accounts have restrictions on withdrawal in order to reserve cash for the loan principal repayment and interest payment under the long-term loans agreements, in the event that the subsidiaries are unable to repay principal or interest when due.

## 12. Investments in subsidiaries

12.1 Details of investments in subsidiaries as presented in separate financial statements are as follows:

Company's name	Paid-up capital		Shareholding percentage		Cost		Allowance for impairment of investment		Carrying amounts based on cost method - net		(Unit: Thousand Baht) Dividend received during the years	
	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019
SouthEast Asia Energy Limited	6,606,750	6,606,750	61.33	61.33	9,930,914	9,930,914	(416,067)	(397,832)	9,514,847	9,533,082	263,389	401,162
Bangkhenchai Company Limited	234,250	234,250	100	100	527,062	527,062	-	-	527,062	527,062	10,541	11,712
Bangpa-in Cogeneration Limited	2,705,000	2,705,000	65	65	2,173,314	2,173,314	-	-	2,713,314	2,173,314	369,232	342,859
CKP Solar Company Limited <sup>(1)</sup>	5,750	5,750	100	100	5,750	5,750	-	-	5,750	5,750	-	-
Apollo Power Company Limited <sup>(1)</sup>	250	250	100	100	250	250	-	-	250	250	-	-
Vis Solis Company Limited <sup>(1)</sup>	250	250	100	100	250	250	-	-	250	250	-	-
Sole Power Company Limited <sup>(1)</sup>	250	250	100	100	250	250	-	-	250	250	-	-
Helios Power Company Limited <sup>(1)</sup>	250	250	100	100	250	250	-	-	250	250	-	-
Total					12,638,040	12,638,040	(416,067)	(397,832)	12,221,973	12,240,208	643,162	755,733

<sup>(1)</sup> Not commenced their business activities

## 12.2 Details of investments in subsidiaries that have material non-controlling interests

(Unit: Million Baht)

Company's name	Proportion of equity interest held by non-controlling interests		Accumulated balance of non-controlling interests		Profit/loss allocated to non-controlling interests during the year		Dividend paid to non-controlling interests during the year	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
	(%)	(%)						
SouthEast Asia Energy Limited	38.67	38.67	9,884	10,619	(406)	162	166	495
Bangpa-in Cogeneration Limited	35	35	1,380	1,379	199	152	199	185

## 12.3 Summarised financial information based on amounts before inter-company elimination of subsidiaries that have material non-controlling interests

Summarised information about financial position

(Unit: Million Baht)

	SouthEast Asia Energy Limited		Bangpa-in Cogeneration Limited	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Current assets	2,142	2,387	1,900	1,908
Non-current assets	22,476	23,564	8,288	8,472
Current liabilities	1,249	2,375	867	859
Non-current liabilities	13,185	12,513	5,842	6,071

Summarised information about comprehensive income

(Unit: Million Baht)

	For the years ended 31 December			
	SouthEast Asia Energy Limited		Bangpa-in Cogeneration Limited	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Revenue	2,088	3,415	4,655	5,038
Profit (loss)	(289)	736	595	460
Other comprehensive income	5	6	3	8
Total comprehensive income	(284)	742	597	468

## Summarised information about cash flow

(Unit: Million Baht)

	For the year ended 31 December			
	SouthEast Asia Energy Limited		Bangpa-in Cogeneration Limited	
	2020	2019	2020	2019
Cash flow from operating activities	1,123	2,035	1,268	1,262
Cash flow from (used in) investing activities	596	1,442	(10)	(26)
Cash flow used in financing activities	(1,615)	(3,404)	(1,212)	(1,163)
Net increase in cash and cash equivalents	104	73	46	73

## 13. Investments in jointly controlled entities

## 13.1 Detail of jointly controlled entities:

(Unit: Thousand Baht)

			Consolidated financial statements					
Company's name	Nature of business	Country of incorporation	Shareholding percentage		Cost		Carrying amounts based on equity method	
			2020	2019	2020	2019	2020	2019
			(%)	(%)				
Nakhon Ratchasima Solar Company Limited	Generating and sale of electricity from solar power	Thailand	30	30	85,388	85,388	168,401	163,026
Chiang Rai Solar Company Limited	Generating and sale of electricity from solar power	Thailand	30	30	107,551	107,551	188,427	180,710
Total					192,939	192,939	356,828	343,736

(Unit: Thousand Baht)

Company's name	Nature of business	Country of incorporation	Separate financial statements							
			Shareholding percentage		Cost		Allowance for impairment of investment		Carrying amounts based on cost method - net	
			<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
			(%)	(%)						
Nakhon Ratchasima Solar Company Limited	Generating and sale of electricity from solar power	Thailand	30	30	85,388	85,388	(2,925)	-	82,463	85,388
Chiang Rai Solar Company Limited	Generating and sale of electricity from solar power	Thailand	30	30	107,551	107,551	(6,750)	-	100,801	107,551
Total					<u>192,939</u>	<u>192,939</u>	<u>(9,675)</u>	<u>-</u>	<u>183,264</u>	<u>192,939</u>

### 13.2 Share of profit and dividend received

During the years, the Company has recognised its share of profit from investments in jointly controlled entities in the consolidated financial statements and dividend income in the separate financial statements as follows:

(Unit: Thousand Baht)

Company's name	Consolidated financial statements		Separate financial statements	
	Share of profit from investments in jointly controlled entities		Dividend received during the years	
	during the years			
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Nakhon Ratchasima Solar Company Limited	15,876	16,913	10,500	7,200
Chiang Rai Solar Company Limited	24,816	23,957	17,100	9,600
Total	<u>40,692</u>	<u>40,870</u>	<u>27,600</u>	<u>16,800</u>

### 13.3 Summarised financial information of jointly controlled entities

Financial information as presented in the financial statements of jointly controlled entities is summarised below.

(Unit: Million Baht)

Company's name	Paid-up capital as at		Total assets as at		Total liabilities as at		Total revenues for the years ended		Profit for the years ended	
	31 December		31 December		31 December		31 December		31 December	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Nakhon Ratchasima Solar Company Limited	188	188	612	649	58	122	117	120	62	65
Chiang Rai Solar Company Limited	277	277	773	827	162	250	150	162	91	88

### Nakhon Ratchasima Solar Company Limited

The Company entered into a Shareholders Agreement with Nakhon Ratchasima Solar Company Limited and another shareholder. Under the agreement, the Company agreed to provide financial support to such company in the proportion stipulated in the agreement (30 percent), or in total not more than Baht 12.6 million, if such company has continually negative working capital for a certain period stipulated in the agreement.

The Company has pledged all share certificates for its investment in Nakhon Ratchasima Solar Company Limited with a bank to guarantee a loan facility granted to that company by the bank.

### Chiang Rai Solar Company Limited

The Company has pledged all share certificates for its investment in Chiang Rai Solar Company Limited with a bank to guarantee a loan facility granted to that company by the bank.

## 14. Investments in associated companies

### 14.1 Detail of associated companies

(Unit: Thousand Baht)								
Company's name	Nature of business	Country of incorporation	Shareholding percentage		Consolidated		Separate	
					financial statements		financial statements	
					Carrying amounts		Cost of investment	
			2020	2019	2020	2019	2020	2019
			(%)	(%)				
Xayaburi Power Company Limited <sup>(1)</sup>	Generating and sale of electricity	The Lao People's Democratic Republic	37.5	37.5	12,340,965	11,971,263	11,585,927	11,585,927
Luang Prabang Power Company Limited <sup>(1)</sup>	Generating and sale of electricity	The Lao People's Democratic Republic	42.0	-	12,825	-	12,825	-
Total					12,353,790	11,971,263	11,598,752	11,585,927

<sup>(1)</sup> No fair value since shares of such company were not traded on the Stock Exchange of Thailand

On 11 November 2020, the Company's Board of Directors' Meeting No. 6/2020 passed a resolution to purchase of ordinary shares of Luang Prabang Power Company Limited from PT Sole Company Limited for the purpose of investment expansion to operates and sale of electricity for 42 percent of its issued and paid-up share capital equivalent to 1,743,000 shares for a total of USD 0.42 million or equivalent to Baht 12.8 million. The transaction was completed on 19 November 2020.

## 14.2 Share of comprehensive income and dividend received

During the years, the Company has recognised its share of profit (loss) from investments in associated companies in the consolidated financial statements and dividend income in the separate financial statements as follows:

(Unit: Thousand Baht)

Associates	Consolidated financial statements				Separate financial statements	
	Share of profit from investments in associate		Share of other comprehensive income from investments in associate		Dividend received	
	during the years		associate during the years		during the years	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Xayaburi Power Company Limited	366,702	392,235	65,595	(36,579)	-	-
Luang Prabang Power Company Limited	-	-	-	-	-	-

## 14.3 Summarised financial information of associated companies

Financial information as presented in the financial statements of associated companies is summarised below.

(Unit: Million Baht)

Company's name	Paid-up capital as at		Total assets as at		Total liabilities as at		Total revenues for the years ended		Profit (loss) for the years ended	
	31 December		31 December		31 December		31 December		31 December	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Xayaburi Power Company Limited	26,861	26,861	131,465	129,943	103,550	103,171	12,080	3,154	968	1,050
Luang Prabang Power Company Limited	32	-	35	-	5	-	-	-	-	-

The Company has pledged all share certificates for its investment in Xayaburi Power Company Limited with banks to secure long-term loans of such company obtained from the banks.

**15. Right to produce and sell electricity**

	(Unit: Thousand Baht)	
	Consolidated	
	financial statements	
	<u>2020</u>	<u>2019</u>
Right to produce and sell electricity	13,203,679	13,203,679
Less: Accumulated amortisation of right to produce and sell electricity	(4,479,535)	(3,958,251)
Right to produce and sell electricity - net	<u>8,724,144</u>	<u>9,245,428</u>
Right to produce and sell electricity - net consisting of		
Equity attributable to shareholders of the Company	4,126,196	4,387,132
Non-controlling interests of the subsidiaries	<u>4,597,948</u>	<u>4,858,296</u>
Total	<u>8,724,144</u>	<u>9,245,428</u>

**16. Project costs during construction phase**

	(Unit: Thousand Baht)	
	Consolidated	
	financial statements	
	<u>2020</u>	<u>2019</u>
Project construction costs	14,186	89,950
Project administrative and management fee and other costs	-	13,184
Interest expenses and other financial cost during construction phase	-	1,924
Total	<u>14,186</u>	<u>105,058</u>

As at 31 December 2020 and 2019, the balance of project costs during construction phase represents the costs of solar farm project.

In September 2020, a construction of solar farm project of Bangkhenchai Company Limited was completed. The subsidiary therefore partially recorded the transfer of costs of construction in progress for the completed project as "Property plant and equipment" in the statement of financial position as described in Note 18.



**17. Assets of hydroelectric power project under concession agreement**

Movements of assets of hydroelectric power project under concession agreement for the year ended 31 December 2020 are summarised below.

	(Unit: Thousand Baht)
	Consolidated
	<u>financial statements</u>
<b>Cost</b>	
31 December 2019	<u>28,085,987</u>
31 December 2020	<u>28,085,987</u>
<b>Accumulated depreciation</b>	
1 January 2019	8,331,958
Depreciation for the year	1,025,793
Depreciation on transfer out	<u>(380,163)</u>
31 December 2019	<u>8,977,588</u>
Depreciation for the year	<u>1,025,794</u>
31 December 2020	<u>10,003,382</u>
<b>Net book value</b>	
31 December 2019	<u>19,108,399</u>
31 December 2020	<u>18,082,605</u>

**18. Property, plant and equipment**

	Consolidated financial statements								(Unit: Thousand Baht)
	Thermal power			Equipment, furniture and office equipment			Motor vehicles	Assets under construction	Total
	Land	Solar power plant	plant and equipment	Building	Leased asset improvements				
Cost									
1 January 2019	261,084	753,813	9,922,268	1,557	85,695	145,941	78,054	15,921	11,264,333
Additions	-	671	19,849	179	1,655	17,397	18,440	17,742	75,933
Transfer in (out)	-	175,002	15,863	-	(958)	83	(2,204)	(20,114)	167,672
Disposals/write-off	-	-	(5,454)	-	-	(4,442)	(22,385)	-	(32,281)
31 December 2019	261,084	929,486	9,952,526	1,736	86,392	158,979	71,905	13,549	11,475,657
Additions	-	13,266	2,509	-	9,071	17,044	258	7,373	49,521
Transfer in (out)	-	104,768	-	-	6,994	3,544	-	(10,214)	(105,092)
Disposals/write-off	-	-	(635)	-	(741)	(21,120)	(17,060)	-	(39,555)
31 December 2020	261,084	1,047,520	9,954,400	1,736	101,716	158,447	55,103	10,708	11,590,714

(Unit: Thousand Baht)

	Consolidated financial statements							
	Land	Solar power plant	Thermal power plant and equipment	Building	Leased asset improvements	Equipment, furniture and office equipment	Motor vehicles	Assets under construction
<b>Accumulated depreciation</b>								
1 January 2019	-	191,200	1,437,238	183	18,183	80,811	53,321	-
Depreciation for the year	-	36,332	403,728	86	5,363	19,041	8,367	-
Depreciation on transfer out	-	-	-	-	(444)	(1,716)	(706)	-
Depreciation on disposals/write-off	-	-	(1,392)	-	-	(4,318)	(16,584)	-
31 December 2019	-	227,532	1,839,574	269	23,102	93,818	44,398	-
Depreciation for the year	-	40,190	403,926	96	6,470	20,256	7,069	-
Depreciation on disposals/write-off	-	-	(367)	-	(583)	(20,971)	(13,499)	-
31 December 2020	-	267,722	2,243,133	365	28,989	93,103	37,968	-
<b>Net book value</b>								
31 December 2019	261,084	701,954	8,112,952	1,467	63,290	65,161	27,507	13,549
31 December 2020	261,084	779,797	7,711,268	1,371	72,727	65,344	17,135	10,708
<b>Depreciation for the year</b>								
2019 (Baht 458 million included in cost of sales of electricity and steam, and the remaining balance in administrative expenses)								472,917
2020 (Baht 455 million included in cost of sales of electricity and steam, and the remaining balance in administrative expenses)								478,007

(Unit: Thousand Baht)

	Separate financial statements				
	Leased asset improvements	Office equipment	Motor vehicles	Assets under construction	Total
<b>Cost</b>					
1 January 2019	49,434	35,352	3,158	57	88,001
Additions	-	1,789	-	14,407	16,196
Transfer in (out)	1,682	2,569	-	(4,251)	-
Disposals/write-off	-	(828)	(2,687)	-	(3,515)
31 December 2019	51,116	38,882	471	10,213	100,682
Additions	7,784	7,097	-	255	15,136
Transfer in (out)	6,994	3,219	-	(10,213)	-
Disposals/write-off	-	(554)	(471)	-	(1,025)
31 December 2020	65,894	48,644	-	255	114,793
<b>Accumulated depreciation</b>					
1 January 2019	8,878	19,202	2,224	-	30,304
Depreciation for the year	3,364	6,945	28	-	10,337
Depreciation on disposals/write-off	-	(769)	(1,781)	-	(2,550)
31 December 2019	12,242	25,378	471	-	38,091
Depreciation for the year	4,492	6,636	-	-	11,127
Depreciation on disposals/write off	-	(554)	(471)	-	(1,025)
31 December 2020	16,734	31,459	-	-	48,193
<b>Net book value</b>					
31 December 2019	38,874	13,504	-	10,213	62,591
31 December 2020	49,160	17,185	-	255	66,600
<b>Depreciation for the year included in administrative expenses</b>					
2019					10,337
2020					11,127

In September 2020, a construction of solar farm project of Bangkhengchai Company Limited was completed. The subsidiary therefore partially recorded the transfer of costs of construction in progress for the completed project as “Property plant and equipment” in the statement of financial position.

As at 31 December 2020, certain motor vehicles, furniture and office equipment items of the Group have been fully depreciated but are still in use. The gross carrying amount before deducting accumulated depreciation of those assets amounted to approximately Baht 82 million (2019: Baht 83 million) (Separate financial statements: Baht 19 million (2019: Baht 13 million)).

Bangkhenchai Company Limited has mortgaged some plots of land and the solar power plant project with a total net book value as at 31 December 2020 of approximately Baht 564 million (2019: Baht 592 million) to the lender as collateral against credit facilities received from the bank.

Bangpa-in Cogeneration Limited has mortgaged land and construction thereon of two power plant projects with a total net book value as at 31 December 2020 of Baht 7,860 million (2019: Baht 8,259 million) to the lenders as collateral against credit facilities received from the banks.

## 19. Leases

### 19.1 The Group as a lessee

The Group has lease contracts for various items of property, plant, and equipment used in its operations. Leases generally have lease terms between 1 - 24 years.

#### a) Right-of-use assets

Movement of right-of-use assets for the year ended 31 December 2020 are summarised below:

(Unit: Thousand Baht)

	Consolidated financial statements			
	Building and			Total
	Land and land improvements	building improvements	Motor vehicles	
<b>1 January 2020</b>	259,579	88,679	47,866	376,124
Additions during the year	4,165	8,113	14,990	27,268
Depreciation for the year	(12,997)	(9,322)	(14,851)	(37,170)
<b>31 December 2020</b>	<u>250,747</u>	<u>87,470</u>	<u>48,005</u>	<u>386,222</u>

(Unit: Thousand Baht)

	Separate financial statements		
	Building and building improvements	Motor vehicles	Total
<b>1 January 2020</b>	88,679	40,215	128,894
Additions during the year	8,113	11,819	19,932
Depreciation for the year	(9,322)	(12,685)	(22,007)
<b>31 December 2020</b>	<u>87,470</u>	<u>39,349</u>	<u>126,819</u>

**b) Lease liabilities**

	(Unit: Thousand Baht)	
	Consolidated financial statements	Separate financial statements
	<u>2020</u>	<u>2020</u>
Lease payments	486,258	138,442
Less: Deferred interest expenses	(92,105)	(10,375)
Total	394,153	128,067
Less: Portion due within one year	(31,554)	(23,183)
Lease liabilities - net of current portion	362,599	104,884

**c) Expenses relating to leases that are recognised in profit or loss**

	(Unit: Thousand Baht)	
	For the year ended 31 December 2020	
	Consolidated financial statements	Separate financial statements
Depreciation expense of right-of-use assets	37,170	22,007
Interest expense on lease liabilities	9,330	2,642

**d) Others**

The Group had total cash outflows for leases for the year ended 31 December 2020 of Baht 39 million (Separate financial statements: Baht 24 million). Moreover, the Group had non-cash additions to right-of-use assets and lease liabilities of Baht 30 million (Separate financial statements: Baht 22 million).

**20. Intangible assets**

Details of intangible assets which are computer software are as follows:

	(Unit: Thousand Baht)			
	Consolidated financial statements		Separate financial statements	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Cost	109,575	108,160	58,161	55,776
Accumulated amortisation	(34,628)	(24,439)	(18,751)	(12,846)
Net book value	74,947	83,721	39,410	42,930
Amortisation expenses included in the profits or loss for the year	11,297	10,934	6,043	5,658

A reconciliation of the net book value of intangible assets for the years 2020 and 2019 is presented below.

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Net book value at beginning of year	83,721	93,685	42,930	48,148
Acquisition of computer software	2,523	970	2,523	440
Amortisation	(11,297)	(10,934)	(6,043)	(5,658)
Net book value at end of year	<u>74,947</u>	<u>83,721</u>	<u>39,410</u>	<u>42,930</u>

## 21 Credit facilities

As at 31 December 2020, the Company has a committed facility agreement with a local commercial bank amounting to Baht 4,000 million. The Company has not yet drawn down the credit facility.

As at 31 December 2020, Nam Ngum 2 Power Company Limited has a committed facility agreement with a local commercial bank amounting to Baht 1,000. Nam Ngum 2 Power Company Limited has not yet drawn down the credit facility.

Under the conditions of the committed facilities, the Group is required to comply with the same conditions and restrictions as those applicable for the Group's debentures or other loans at other financial institutions and to certain covenants such as to maintain debt-to-equity ratio.

## 22. Trade and other payables

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Trade payables - related parties	306,194	348,443	-	-
Trade payables - unrelated parties	108,106	101,728	-	-
Project payable - unrelated parties	525	35,133	-	-
Other payables - related parties	2,204	914	619	785
Other payables - unrelated parties	16,804	30,118	11,289	25,926
Accrued expenses - unrelated parties	29,369	25,052	18,157	9,746
Accrued finance cost	156,798	148,700	19,538	7,821
Total trade and other payables	<u>620,000</u>	<u>690,088</u>	<u>49,603</u>	<u>44,278</u>

**23. Long-term loans from financial institutions**

	(Unit: Thousand Baht)	
	Consolidated financial statements	
	<u>2020</u>	<u>2019</u>
Long-term loans	6,182,393	6,700,902
Less: Current portion of long-term loans	(544,789)	(522,494)
Long-term loans, net of current portion	<u>5,637,604</u>	<u>6,178,408</u>

Movement in the long-term loans account during the year are summarised below.

	(Unit: Thousand Baht)
	Consolidated
	financial statements
<b>Balance as at 1 January 2020</b>	6,700,902
Less: Repayment	(522,494)
	<u>6,178,408</u>
Add: Transaction costs	3,985
<b>Balance as at 31 December 2020</b>	<u>6,182,393</u>

**Bangkhenchai Company Limited**

As at 31 December 2020, the long-term loan that Bangkhenchai Company Limited entered into a loan agreement with a local commercial bank which granted the loan facility of Baht 703 million, which had the outstanding loan balance of Baht 124 million. The long-term loan carries interest at the Minimum Loan Rate less a stipulated margin (MLR - margin) per annum and the lender reduces the stipulated margin two times, in November 2014 and November 2016. Principal is to be paid in 40 quarterly installments in the amounts stipulated in the long-term loan agreement, with the first payment in September 2012. As collateral for this loan, that company mortgaged some plots of land and constructions and assigned the rights in bank accounts.

Under the long-term loan agreement, Bangkhenchai Company Limited is to conform to covenants imposed by the lenders in respect of, among other things, the maintenance of a certain debt to equity ratio.



**Bangpa-in Cogeneration Limited**

As at 31 December 2020, the long-term loans from banks of Bangpa-in Cogeneration Limited comprise credit facilities from two local commercial banks. Details are as follows:

- a) The outstanding loan balance of Baht 2,566 million is under the loan agreement with comprises the following 3 credit facilities:

- 1) Tranche A Facility is a long-term loan of Baht 4,110 million for use in the payment of project costs. The rate of interest of the Tranche A Facility is the fixed deposit rate plus a stipulated margin per annum, with the lender to reduce the stipulated margin as from the Commercial Operation Date. Principal is to be paid in 26 semi-annually installments in the amounts stipulated in the long-term loan agreement, with the first payment in March 2014. Thereafter, payment is made in June and December of each year, with the final payment in June 2026.

In June 2014, the lenders approved an extension of the loan repayment period of this long-term loan, from the former terms of 26 semi-annual installments to 33 semi-annual installments, at the rates stipulated in the loan agreement, with the final installment to be paid in December 2029.

- 2) Tranche B Facility is short-term working capital loan facility of Baht 120 million in the form of promissory notes, bank overdrafts and letters of credit.
  - 3) Tranche C Facility is a bank guarantee facility of Baht 803 million provided for the subsidiary's obligations under the Power Purchase Agreement with the Electricity Generating Authority of Thailand and other guarantees.
- b) The balance of loan amounting to Baht 3,493 million is under another loan agreement for another power plant project of the subsidiary with the following 3 credit facilities:
- 1) Tranche A Facility is a long-term loan of Baht 4,005 million for use in the payment of project costs. The rate of interest of the Tranche A Facility is the fixed deposit rate plus a stipulated margin per annum, with the lender to reduce the stipulated margin as from the Commercial Operation Date. Principal is to be paid in 33 semi-annually installments in the amounts stipulated in the long-term loan agreement, with the first payment due on February 2018. Thereafter, payment is made in June and December of each year.
  - 2) Tranche B Facility is short-term working capital loan facility of Baht 250 million in the form of promissory notes, bank overdrafts and letters of credit.
  - 3) Tranche C Facility is a bank guarantee facility of Baht 686 million provided for the subsidiary's obligations under the Power Purchase Agreement with the Electricity Generating Authority of Thailand and other guarantees.

As collateral for the loans, the subsidiary mortgaged some plots of land and constructions thereon, and equipment as well as assigned the rights in bank accounts, benefits under insurance policy and commitments under agreements related to the project and others as stipulated in loan agreements.

Under the long-term loan agreements, Bangpa-in Cogeneration Limited is to conform to covenants imposed by the lenders such as registered capital increase and the maintenance of a certain long-term loans to equity ratio.

## 24. Debentures

(Unit: Thousand Baht)

Debentures	Life	Date of issue	Maturity date	Interest rate	Consolidaated financial statements		Seperate financial statements	
				(% per annum)	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
1	3 Years	5 October 2017	5 October 2020	2.59	-	1,000,000	-	-
2	7 Years	5 October 2017	5 October 2024	3.48	1,400,000	1,400,000	-	-
3	10 Years	5 October 2017	5 October 2027	3.69	3,600,000	3,600,000	-	-
4	12 Years	30 March 2018	30 March 2030	3.98	3,000,000	3,000,000	-	-
5	3 Years	18 June 2018	18 June 2021	2.56	4,000,000	4,000,000	4,000,000	4,000,000
6	10 Years	18 June 2018	18 June 2028	4.06	2,500,000	2,500,000	2,500,000	2,500,000
7	3 Years	7 March 2019	7 March 2022	3.18	1,500,000	2,600,000	-	-
8	4 Years	7 March 2019	7 March 2023	3.44	800,000	800,000	-	-
9	8 Years	7 March 2019	7 March 2027	3.88	2,000,000	2,000,000	-	-
10	5 Years	5 March 2020	5 March 2025	2.45	600,000	-	-	-
11	3 Years	30 September 2020	30 September 2023	3.20	400,000	-	-	-
12	5 Years	30 September 2020	30 September 2025	3.60	600,000	-	-	-
13	2 Years	25 November 2020	25 November 2022	2.31	1,000,000	-	1,000,000	-
14	3 Years	25 November 2020	25 November 2023	2.62	1,500,000	-	1,500,000	-
15	7 Years	25 November 2020	25 November 2027	3.76	1,500,000	-	1,500,000	-
Total					24,400,000	20,900,000	10,500,000	6,500,000
Less: Deferred debenture issuing costs					(76,956)	(90,139)	(7,409)	(4,280)
Less: Current portion of debentures					(4,999,362)	(2,100,000)	(3,999,362)	-
Debentures - net of current portion					19,323,682	18,709,861	6,493,589	6,495,792

On 5 March 2020, Nam Ngum 2 Power Company Limited issued and offered debentures No. 1/2020, in the amount of 600,000 units at par value of Baht 1,000 per unit, or a total of Baht 600 million, with a term of 5 years, and bearing interest at a rate of 2.45 percent per annum.

In March 2020 and September 2020, Nam Ngum 2 Power Company Limited paid totaling Baht 1,100 million towards redemption of Baht 3,200 million of debentures that bearing interest at a rate of 3.18 percent per annum. This was a scheduled redemption installment payment for these debentures.

On 30 September 2020, Nam Ngum 2 Power Company Limited issued and offered debentures No. 2/2020 tranche 1 and tranche 2, in the amount of 400,000 units and 600,000 units, respectively at par value of Baht 1,000 per unit, or a total of Baht 1,000 million, with a term of 3 years and 5 years, and bearing interest at a rate of 3.20 and 3.60 percent per annum, respectively.

In October 2020, Nam Ngum 2 Power Company Limited paid totaling Baht 1,000 million towards redemption of Baht 1,000 million of debentures that bearing interest at a rate of 2.59 percent per annum. This was a scheduled redemption payment for these debentures.

On 25 November 2020, the Company issued and offered debentures No. 1/2020 tranche 1 tranche 2 and tranche 3, in the amount of 1,000,000 units, 1,500,000 units and 1,500,000 units, respectively at par value of Baht 1,000 per unit, or a total of Baht 4,000 million, with a term of 2 years, 3 years and 7 years, and bearing interest at a rate of 2.31, 2.62 and 3.76 percent per annum, respectively.

All debentures of the Company is name-registered, unsecured, and unsubordinated debentures without a debentureholders' representative, except for the debenture number 13, 14 and 15 which has a debentureholders' representative. All debentures of the subsidiary is name-registered, unsecured, and unsubordinated debentures with a debentureholders' representative. Interest is payable by the Group every 6 months throughout the life of the debentures.

The conditions of the debentures include covenants that, among other things, the Group shall not sell or transfer or otherwise dispose of the whole or part of its material operating assets with certain permissions; and the Group is required to maintain a certain level of Net Interest-bearing Debt to Equity ratio according to the covenants.

**25. Provision for long-term employee benefits**

Provision for long-term employee benefits, which represents compensation payable to employees after they retire, was as follows:

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
<b>Provision for long-term employee benefits at beginning of year</b>	64,539	52,883	39,332	33,222
Included in profit or loss:				
Current service cost	12,630	12,975	8,772	7,895
Interest cost	1,597	1,356	1,072	890
Past service costs	10,907	-	-	-
Included in other comprehensive income:				
Actuarial (gain) loss	(1,895)	-	5,999	-
Benefits paid during the year	<u>(4,655)</u>	<u>(2,675)</u>	<u>(4,541)</u>	<u>(2,675)</u>
<b>Provisions for long-term employee benefits at end of year</b>	<u>83,123</u>	<u>64,539</u>	<u>50,634</u>	<u>39,332</u>

Line items in profit or loss under which long-term employee benefit expenses are recognised are as follows:

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Cost of sales	2,590	4,109	-	-
Administrative expenses	<u>22,545</u>	<u>10,222</u>	<u>9,844</u>	<u>8,785</u>
<b>Total expense recognised in profit or loss</b>	<u>25,135</u>	<u>14,331</u>	<u>9,844</u>	<u>8,785</u>

The Group expects to pay Baht 1.29 million (2019: Baht 0.28 million) of long-term employee benefits during the next year (Separate financial statements: Nil (2019: Baht 0.17 million)).

As at 31 December 2020, the weighted average duration of the liabilities for long-term employee benefit is 9.7 - 18.0 years (2019: 6.2 - 16.3 years) (Separate financial statements: 14.1 years (2019: 14.9 years)).

Significant actuarial assumptions are summarised below.

	Consolidated		Separate	
	financial statements		financial statements	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
	(% per annum)	(% per annum)	(% per annum)	(% per annum)
Discount rate	1.24 - 1.90	1.81 - 2.79	1.60	2.70
Future salary increase rate - average (depending on age of employees)	6.5	4.0 - 7.0	6.5	7.0
Staff turnover rate - average	0 - 13.0	0 - 18.0	0 - 10.0	0 - 10.0

The result of sensitivity analysis for significant assumptions that affect the present value of the long-term employee benefit obligation as at 31 December 2020 and 2019 are summarised below:

(Unit: Million Baht)

	As at 31 December 2020			
	Consolidated		Separate	
	financial statements		financial statements	
	<u>Increase 1%</u>	<u>Decrease 1%</u>	<u>Increase 1%</u>	<u>Decrease 1%</u>
Discount rate	(10.24)	12.37	(6.44)	7.69
Salary increase rate	11.98	(10.17)	7.52	(6.45)
Turnover rate	(10.72)	4.57	(6.46)	3.43

(Unit: Million Baht)

	As at 31 December 2019			
	Consolidated		Separate	
	financial statements		financial statements	
	<u>Increase 1%</u>	<u>Decrease 1%</u>	<u>Increase 1%</u>	<u>Decrease 1%</u>
Discount rate	(8.20)	9.92	(5.49)	6.59
Salary increase rate	10.75	(9.00)	7.11	(5.97)
Turnover rate	(8.72)	3.46	(5.87)	2.99

**26. Other long-term liabilities - related party**

The balance of other long-term liabilities is the cash which Nam Ngum 2 Power Company Limited received from sales of Electricity as Excess Energy in the Nam Ngum 2 Hydroelectric Power Project to EGAT and has the obligations to repay to EGAT in 2022, in accordance with a condition in the Power Purchase Agreement. Nam Ngum 2 Power Company Limited records such long-term liabilities at the present value of the amounts to be repaid, calculated using a discount rate tied to the cost of financing rate of that company, and records them as a deduction against sales of Electricity as Excess Energy. In addition, the carrying amount of the liabilities increases in each period to reflect the passage of time, with Nam Ngum 2 Power Company Limited recognising this increase as a finance cost.

**27. Statutory reserve**

Pursuant to Section 116 of the Public Limited Companies Act B.E. 2535, the Company is required to set aside to a statutory reserve at least 5 percent of its net profit after deducting accumulated deficit brought forward (if any), until the reserve reaches 10 percent of the registered capital. The statutory reserve is not available for dividend distribution.

**28. Dividend**

Dividends	Approved by	Total dividends (Million Baht)	Dividend per share (Baht)
Final dividends for 2018	2019 Annual General Meeting of the shareholders on 23 April 2019	206	0.028
		<u>206</u>	<u>0.028</u>
Interim dividends for 2019	The Board of Directors Meeting on 13 April 2020	244	0.030
		<u>244</u>	<u>0.030</u>

**29. Expenses by nature**

Significant expenses classified by nature are as follow:

	(Unit: Thousand Baht)			
	Consolidated		Seperate	
	financial statements		financial statements	
	<u>2020</u>	<u>2019</u>	<u>2020</u>	<u>2019</u>
Fuel costs	2,948,421	3,334,150	-	-
Depreciation and amortisation	1,560,759	1,517,821	39,656	15,995
Operation and maintenance of power plant and transmission systems	465,936	496,797	-	-
Salary and other employee benefits	374,609	352,346	239,290	223,110
Royalty fee	59,592	104,853	-	-
Insurance premium	92,515	72,785	-	-
Environment and public consultation	7,435	7,455	-	-
Traveling expenses	9,131	31,779	3,023	13,179
Consultant expenses	52,262	61,266	18,364	19,270
Director's remuneration	22,712	21,752	6,800	6,652
Allowance for impairment of investment in subsidiary	-	-	27,910	120,348
Wheeling charge	119,178	216,888	-	-

**30. Income tax**

Income tax expense reported in the statement of comprehensive income for the year 2019 is current income tax.

As at 31 December 2020 the Group has deductible temporary differences and unused tax losses totaling Baht 888 million (2019: Baht 925 million) (Separate financial statements: Baht 801 million (2019: Baht 833 million)), on which deferred tax assets have not been recognised as the Group believes future taxable profits may not be sufficient to allow utilisation of the temporary differences and unused tax losses.

The unused tax losses amounting to Baht 434 million (Separate financial statements: Baht 352 million) will expire by 2024.

Tax income (expenses) of Nam Ngum 2 Power Company Limited is calculated by multiplying taxable profits by the tax rate as specified in the Concession Agreement for each period commencing from the Initial Operation Date (26 March 2011) to the end of the concession period. However, for a period of 5 years from the Initial Operation Date, this subsidiary has been granted exemption from the corporate income tax. The corporate income tax rate for current year is 3.0 percent. The tax losses are available to be utilised to offset against future taxable profit within three years.

**31. Promotional privileges**

Bangkhenchai Company Limited received promotional privileges from the Board of Investment for generation of electricity from solar power, pursuant to the promotion certificate as follow:

Promotion certificate No.	Date of issue	Commenced generating revenues date
1089(1)/2555	23 January 2012	10 August 2012
61-1228-1-00-1-0	16 October 2018	1 February 2019
61-1292-1-00-1-0	5 November 2018	4 July 2019
61-1293-1-00-1-0	5 November 2018	12 June 2019
61-1294-1-00-1-0	5 November 2018	12 June 2019
61-1295-1-00-1-0	5 November 2018	1 May 2019
62-0417-1-00-1-0	25 April 2019	29 September 2020

The promotion certificate of Bangkhenchai Company Limited was subject to certain imposed conditions. The privileges include an exemption from corporate income tax for a period of 8 years from the date the promoted activity commenced generating revenues and a 50% reduction of corporate income tax on income derived from the promoted operations for a period of 5 years after the tax-exemption period ends.

Bangpa-in Cogeneration Limited received promotional privileges from the Board of Investment for generation of electricity and steam from thermal power. Pursuant to the promotion certificate No. 1565(2)/2554 on 18 May 2011, subject to certain imposed conditions, the privileges include an exemption from corporate income tax for a period of 8 years from the date the promoted activity commenced generating revenues (23 June 2013) and pursuant to the promotion certificate No. 1132(2)/2558 on 2 February 2015, subject to certain imposed conditions, the privileges include an exemption from corporate income tax for a period of 8 years from the date the promoted activity commenced generating revenues (29 June 2017).

**32. Warrants**CKP-W1

On 9 April 2015, the Annual General Meeting of Shareholders No. 1/2015 passed a resolution to approve the issuance and allocation of warrants (CKP-W1) in the amount not more than 1,870 million units to the existing shareholders who have reserved their right to purchase and made payment for the subscription of the Company's newly issued shares, with no charge at the ratio of 1 ordinary share per 1 unit of warrant.



Subsequently on 29 May 2015, the Company issued 1,870 million units of warrants to purchase all ordinary shares to the shareholders of the Company. The warrants have a term of 5 years and can be exercised on the last business day of every quarter throughout the term of the warrants. The first and last exercise dates are on 30 September 2015 and 28 May 2020, respectively. The exercise ratio is 1 warrant unit per 1 ordinary share, with a par value of Baht 1 per share and the exercise price of Baht 6.

Subsequently, on 30 April 2019, the Company adjusted the exercise ratio on CKP-W1 in order to maintain benefits and returns to the Warrant Holders in a way that the benefits and returns will not be less favorable than prevailing rights. The detail of adjustment to exercise ratio are as follows;

	Exercise price per ordinary share (Baht)	Exercise ratio (Warrant per ordinary share)
Previous	6.00	1 : 1
New	6.00	1 : 1.0007

In May 2020, the CKP-W1 warrant holders exercised 690 warrants to purchase 690 newly issued ordinary shares with a par value of Baht 1 each, at an exercise price of Baht 6 per share. The Company received the cash of Baht 4,140 from the exercise of the warrants. The Company registered the corresponding increase in its paid-up capital with the Ministry of Commerce on 29 May 2020.

CKP-W1 Warrants expired on 28 May 2020, which coincided with the final exercise date. The 1,111,148,462 unexercised warrants were expired.

### 33. Earnings per share

Basic earnings per share is calculated by dividing profit for the year attributable to equity holders of the Company (excluding other comprehensive income) by the weighted average number of ordinary shares issue during the year.

Diluted earnings per share is calculated by dividing profit for the year attributable to equity holders of the Company (excluding other comprehensive income) by the weighted average number of ordinary shares in issue during the year plus the weighted average number of ordinary shares which would need to be issued to convert all dilutive potential ordinary shares into ordinary shares. The calculation assumes that such conversion took place either at the beginning of the year or on the date the potential ordinary shares were issued.

Exercise prices of the warrants to purchase the ordinary shares of the Company (CKP-W1) were higher than the average market price of the Company's shares for the year ended 31 December 2019. Therefore, the Company has not assumed conversion of the warrants in the calculation of diluted earnings per share in the consolidated and separate financial statements for the year ended 31 December 2019.

#### 34. Provident fund

The Group and their employees have jointly established provident funds in accordance with the Provident Fund Act B.E. 2530. The Group contributes to the fund monthly at the rate of 5 percent of basic salary and their employees all contribute to the fund monthly at the rates of 5 to 15 percent of basic salary. The funds, which are managed by Bangkok Capital Asset Management Company Limited and Kasikorn Asset Management Company Limited (Separate financial statements: Bangkok Capital Asset Management Company Limited), will be paid to employees upon termination in accordance with the fund rules. During the years 2020 and 2019, the Group contributed Baht 7.8 million and Baht 7.4 million, respectively (Separate financial statements: Baht 6.0 million and Baht 5.6 million, respectively) to the funds.

#### 35. Segment information

Operating segment information is reported in a manner consistent with the internal reports that are regularly reviewed by the chief operating decision maker in order to make decisions about the allocation of resources to the segment and assess its performance. The chief operating decision maker has been identified as Chairman of the Executive Board. Segment performance is measured based on operating profit or loss, on a basis consistent with that used to measure operating profit or loss in the financial statements.

The Company is principally engaged in investment in other companies, with the provision of consulting and other services related to power generation project as the secondary business while the subsidiaries' core businesses are the generation and sale of electricity and steam.

For management purposes, the Group is organised into 3 business segments based on the type of power plant namely (1) generation of electricity from hydroelectric power (2) generation of electricity from solar power and (3) generation of electricity from thermal power. The geographic areas in which these activities are carried out are Thailand (generation of electricity from solar and thermal power) and the Lao People's Democratic Republic (generation of electricity from hydroelectric power), where operations are carried out by subsidiary of SouthEast Asia Energy Limited.

The investment and project management segments were included in other operating segments.

Inter-segment revenues are eliminated on consolidation.

The following tables present revenue and profit (loss) information regarding the Group operating segments for the years ended 31 December 2020 and 2019.

	(Unit: Million Baht)					
	Generation of electricity from hydroelectric power segment	Generation of electricity from solar power segment	Generation of electricity from thermal power segment	Other operating segment	Total segments	Adjustments and eliminations
For the year ended 31 December 2020						Consolidated financial statement
<b>Revenue</b>						
Revenue from external customers	1,716 <sup>(1)</sup>	158	4,653	168	6,695	-
Inter-segment	-	-	-	196	196	(196)
<b>Total revenue</b>	<b>1,716</b>	<b>158</b>	<b>4,653</b>	<b>364</b>	<b>6,891</b>	<b>(196)</b>
Depreciation and amortisation	1,053	41	426	41	1,561	1,561
<b>Segment operating profit (loss)</b>	<b>(557)</b>	<b>73</b>	<b>768</b>	<b>4</b>	<b>288</b>	<b>288</b>
Unallocated income and expenses:						
Other income						482
Share of profit from investments in jointly controlled entities						41
Share of profit from investments in associated company						367
Finance cost						(996)
Tax income						16
<b>Profit for the year</b>						<b>198</b>

<sup>(1)</sup> Due to an El Nino event, in order to reduce the risk of penalties due to a lack of water, the subsidiary requested to exercise a Drought Year right in 2020 for the supply of electricity to the Electricity Generating Authority of Thailand (EGAT), effective from 1 January 2020 to 31 December 2020, in accordance with the Power Purchase Agreement made with EGAT dated 27 December 2007.

In 2020, the subsidiaries had revenues from a group of government agencies amounting to Baht 5,505 million.

	(Unit: Million Baht)					
	Generation of electricity from hydroelectric power segment	Generation of electricity from solar power segment	Generation of electricity from thermal power segment	Other operating segment	Total segments	Consolidated financial statement
<b>For the year ended</b>						
<b>31 December 2019</b>						
<b>Revenue</b>						
Revenue from external customers	3,048	145	5,030	154	8,377	8,377
Inter-segment	-	-	-	191	191	-
<b>Total revenue</b>	<b>3,048</b>	<b>145</b>	<b>5,030</b>	<b>345</b>	<b>8,568</b>	<b>8,377</b>
Depreciation and amortisation	1,051	37	413	17	1,518	1,518
<b>Segment operating profit (loss)</b>	<b>606</b>	<b>59</b>	<b>698</b>	<b>(3)</b>	<b>1,360</b>	<b>1,360</b>
Unallocated income and expenses:						
Other income						463
Share of profit from investments in jointly controlled entities						41
Share of profit from investments in associated company						392
Finance cost						(1,161)
Tax expenses						(12)
<b>Profit for the year</b>						<b>1,083</b>

In 2019, the subsidiaries had revenues from a group of government agencies amounting to Baht 7,153 million.

(Unit: Million Baht)

(Unit: Million Baht)

\* Other than financial instruments, deferred tax assets, net defined benefit assets and rights arising under insurance contracts.

## 36. Commitments and contingent liabilities

### 36.1 Capital commitments

As at 31 December 2020, a subsidiary has capital commitments in respect of agreements with a company to install a solar power system and to purchase solar power equipment for solar farm and solar rooftop project totaling Baht 1.3 million (31 December 2019: Baht 23.7 million).

### 36.2 Service agreement and other commitments

As at 31 December 2020, the Group has commitments in respect of the following service agreements and other agreements as well as other commitments:

- a) The Company has service commitments amounting to approximately Baht 1.4 million per month (2019: Baht 1.4 million per month).
- b) The Company has commitments in respect of its undertakings to provide financial support to one jointly controlled entity, as stipulated in the conditions in the agreements (as discussed in Note 13).
- c) The Group has commitments in respect of consultancy, administration and other service agreements with a related company and other companies, totaling Baht 12.7 million and Baht 0.4 million per month (2019: Baht 23.0 million and Baht 0.5 million per month) (Separate financial statements: Baht 0.2 million (2019: Baht 0.2 million)).
- d) A subsidiary has commitment in respect of the Agreement on Operation and Maintenance of Dam and Powerhouse for Nam Ngum 2 Hydroelectric Power Project with a related party, until the end of the concession period of the Nam Ngum 2 Hydroelectric Power Project, with the service fee as specified in the agreement and subject to increase on an annual basis at the rate specified in the agreement. The service fee for 2021 is approximately Baht 9.7 million per month (2020: Baht: 9.4 million per month).
- e) A subsidiary has commitment in respect of the Agreement on Operation and Maintenance of Transmission Systems for Nam Ngum 2 Hydroelectric Power Project with a related party, until the end of the concession period of the Nam Ngum 2 Hydroelectric Power Project, with the service fee as specified in the agreement and subject to an annual basis at the rate specified in the agreement. The service fee for 2021 is approximately USD 0.03 million per month (2020: USD 0.03 million per month).
- f) A subsidiary has commitment amounting to approximately Baht 25 million per year in respect of the Service Agreement with a related company, for consultancy services relating to operation and maintenance of the Nam Ngum 2 Hydroelectric Power Plant.

- g) A subsidiary has commitment to pay royalty fees to the Government of the Lao People's Democratic Republic commencing from the Initial Operation Date to the end of the concession period of the Nam Ngum 2 Hydroelectric Power Project, which will be calculated by multiplying revenue from sales of electricity by the royalty rate for each period as specified under the Concession Agreement.
- h) A subsidiary has commitment in respect of the Agreement on Major Maintenance of Dam and Powerhouse for the Nam Ngum 2 Hydroelectric Power Project with a related party, until December 2026, with the service fee as specified in the agreement and subject to an annual basis at the rate specified in the agreement. The service fee for 2021 is approximately Baht 3.8 million per month (2020: Baht 3.7 million per month).
- i) A subsidiary has commitments to pay wheeling charges to the Government of the Lao People's Democratic Republic from 1 January 2019 to the end of the concession date of the Nam Ngum 2 Hydroelectric Power Project, calculated by multiplying sales of electricity energy from Nabong substation by the wheeling charge rates for each period as specified under the Nabong interconnection and transmission agreement.
- j) A subsidiary has a commitment in respect of the Agreement concerning maintenance of two thermal power plants with a company amounting to USD 0.6 million per quarter for the period from the first quarter of 2014 to the second quarter of 2026 and USD 0.6 million per quarter for the period from the first quarter of 2017 to the second quarter of 2029, with the service fees to increase on an annual basis at the rate specified in the agreements.
- k) A subsidiary has a commitment in respect of an agreement with PTT Public Company Limited in two agreements for purchase natural gas in a specified quantity and at a stipulated price as defined in the agreement for a period of 25 years. The agreement will expire in May 2038 and May 2042, respectively.
- l) A subsidiary has a commitment in respect of an agreement with a related company to purchase treated water in two agreements in a specified quantity and at a stipulated price as defined in the agreement for a period of one year, renewable for an additional period of one year.
- m) A subsidiary has commitment in respect of the Agreement concerning the maintenance of steam gas turbine of thermal power plant with a company amounting to EUR 1.6 million for the period from year 2020 to year 2031.
- n) A subsidiary has a commitment to pay for the construction of a flood wall in Bangpa-in Industrial Estate under a memorandum agreement made with a related company amounting to approximately Baht 6.2 million (2019: Baht 7.0 million).

- o) A subsidiary has commitment in respect of the Agreement on Operation and Maintenance of the Solar Power Plant Project, amounting to approximately Baht 21.9 million (2019: Baht 6.9 million).

### 36.3 Bank guarantees

As at 31 December 2020, there were outstanding bank guarantees of USD 25 million (2019: USD 25 million) issued by banks on behalf of the subsidiary in respect of the guarantee required under the Power Purchase Agreement with the Electricity Generating Authority of Thailand and Baht 459 million (2019: Baht 460 million) in respect of the guarantee required under the Power Purchase Agreements, the land lease for the gas pipeline and permission for electricity use from the Provincial Electricity Authority.

## 37. Financial instruments

### 37.1 Financial risk management objectives and policies

The Group's financial instruments principally comprise cash and cash equivalents, other current financial assets, trade and other receivable, finance lease receivable - related party, restricted bank deposits, long-term loans to subsidiary and associated company, trade and other payables, long-term loans, debentures, lease liabilities, and other long-term liabilities - related party. The financial risks associated with these financial instruments and how they are managed is described below.

#### **Credit risk**

The Group has exposure to credit risk primarily with respect to trade accounts receivable, finance lease receivable, loans, cash deposits and other financial instruments. The maximum exposure to credit risk is limited to the carrying amounts as stated in the statement of financial position.

#### ***Trade receivables***

The Group manages the risk by adopting appropriate credit control policies and procedures. The Company had no significant concentrations of credit risk because its trade debtors are capable of settling their debts.

The subsidiaries had no significant concentrations of credit risk with any single counterparty or group of counterparties, as the subsidiaries have only two major trade account receivables which are the Electricity Generating Authority of Thailand (EGAT) and Provincial Electricity Authority (PEA) under the long-term Power Purchase Agreements between the EGAT and Nam Ngum 2 Power Company Limited and Bangpa-in Cogeneration Limited and that between the PEA and Bangkhengchai Company Limited. In addition, other trade receivables are creditworthy customers.



An impairment analysis is performed at each reporting date to measure expected credit losses. The provision rates are based on days past due of the customers, along with assessment of the customers' ability to repay, their repayment plan, their contractual obligation, discounted future repayment cash flow and other methodology as appropriate. The calculation reflects the probability-weighted outcome, the time value of money and reasonable and supportable information that is available at the reporting date about past events, current condition and forecasts of future economic condition.

***Finance lease receivable - related party***

The Group has no significant concentrations of credit risk in relation to the finance lease receivable - related party as the counterparty of this receivable has capability to service the obligation. Additionally, the Group further mitigates the credit risk by structuring lease agreement to include strict cash flows management requirement.

***Long-term loans to subsidiary and associated company***

The Group has no significant concentrations of credit risk in relation to the long-term loans to subsidiary and associated company. The Group has control and governance policy, which govern companies that the Group has invested in to ensure that all subsidiaries and associated companies follow Good Corporate Governance practices as well as operate for the benefits of the Group and its stakeholders. Such policy includes regular review of the subsidiaries and associated companies' performances and cash flows for loan repayments before and during the lending periods by the management and the Company's Board of Directors.

***Cash deposits***

Credit risk from balances with banks and financial institutions is managed by the Group in accordance with the Group's policy. Investments are made only with approved counterparties and within credit limits assigned to each counterparty. Counterparty credit limits are reviewed by the Company's Board of Directors and may be updated throughout the year subject to approval of the Company's Board of Directors. The limits are set to minimise the concentration of risks and therefore mitigate financial loss from a counterparty's potential failure to make payments.

The credit risk on debt instruments is limited because the counterparties are banks with high credit-ratings assigned by international credit-rating agencies.

***Interest rate risk***

Interest rate risk is the risk that future fluctuations in market interest rates will affect the operating results and cash flows of the Group.

The Group's exposure to interest rate risk relates primarily to their cash at banks, finance lease receivable - related party, long-term loans to subsidiary and associated company, long-term borrowings and debentures. Most of the Group's financial assets and liabilities bear floating interest rates or fixed interest rates, which are close to the market rate. Trade and other receivables and trade and other payables, which are financial assets and financial liabilities, are non-interest bearing since they are short-term in nature and occur in an ordinary course of business.

The Group manages risk from interest rate by regularly monitoring the changes in interest rate, managing floating and fixed interest rate loan portions to stay within the appropriate level depending on circumstances, managing and improve finance cost, as well as considering entering into hedging agreements from floating interest rate to fixed interest rate as appropriate according to market conditions.

The main interest-bearing financial assets and liabilities can be classified by type of interest rate and the financial assets and liabilities with fixed interest rate can be classified by due date from the date of the statement of financial position to the maturity date as follows:

(Unit: Million Baht)

	Consolidated financial statements						
	31 December 2020						
	Fixed interest rates						
	Within	Over	Over	Floating	Non-interest		Effective
	1 year	1-5 years	5 years	interest rate	bearing	Total	interest rate
							(% per annum)
Financial assets							
Cash and cash equivalents	4	-	-	8,894	1	8,899	0.05 to 1.10
Other current financial assets	1	-	-	-	1	2	1.25
Trade and other receivables	-	-	-	-	1,054	1,054	
Finance lease receivable - related party	154	474	3,203	-	-	3,831	Effective interest rate over the lease term
Long-term restricted bank deposits	460	-	-	-	-	460	0.25 to 1.10
Long-term loans to associated company and interest receivable	-	-	-	3,221	-	3,221	MLR + margin
	619	474	3,203	12,115	1,056	17,467	

(Unit: Million Baht)

	Consolidated financial statements						
	31 December 2020						
	Fixed interest rates						
	Within	Over	Over	Floating	Non-interest		Effective
	1 year	1-5 years	5 years	interest rate	bearing	Total	interest rate
Financial liabilities							
Trade and other payables	-	-	-	-	620	620	
Long-term loans from financial institutions	-	-	-	6,182	-	6,182	MLR - margin, LIBOR + margin, FDR 6M + margin and THBFIX 1M + margin
Lease liabilities - net of deferred interest expenses	32	97	265	-	-	394	0.77 to 3.64
Debentures - net of deferred issuing costs	4,999	12,396	6,928	-	-	24,323	2.31 to 4.06
Other long-term liabilities - related party (Note 26)	-	-	-	-	310	310	
	5,031	12,493	7,193	6,182	930	31,829	

(Unit: Million Baht)

	Consolidated financial statements						
	31 December 2019						
	Fixed interest rates						
	Within	Over	Over	Floating	Non-interest		Effective
	1 year	1-5 years	5 years	interest rate	bearing	Total	interest rate
							(% per annum)
Financial assets							
Cash and cash equivalents	114	-	-	4,099	1	4,214	0.05 to 1.00
Current investments	1	-	-	-	694	695	1.25
Trade and other receivables	-	-	-	-	1,292	1,292	
Finance lease receivable - related party	87	435	3,338	-	-	3,860	Effective interest rate over the lease term
Long-term restricted bank deposits	459	-	-	-	-	459	0.05 to 1.05
Long-term loans to associated company and interest receivable	-	-	-	3,054	-	3,054	MLR + margin
	661	435	3,338	7,153	1,987	13,574	

(% per annum)

(Unit: Million Baht)

Consolidated financial statements						
31 December 2019						
Fixed interest rates			Floating interest rate	Non-interest bearing	Total	Effective interest rate
Within 1 year	Over 1-5 years	Over 5 years				
Trade and other payables	-	-	-	690	690	
Long-term loans from financial institutions	-	-	6,701	-	6,701	MLR - margin, LIBOR + margin, FDR 6M + margin and THBFIX 1M + margin
Debentures - net of deferred issuing costs	2,100	7,698	11,012	-	20,810	2.56 to 4.06
Other long-term liabilities - related party (Note 26)	-	-	-	290	290	
	2,100	7,698	11,012	980	28,491	

(Unit: Million Baht)

Separate financial statements							
31 December 2020							
	Fixed interest rates						
	Within 1 year	Over 1-5 years	Over 5 years	Floating interest rate	Non-interest bearing	Total	Effective interest rate
							(% per annum)
<b>Financial assets</b>							
Cash and cash equivalents	-	-	-	6,095	-	6,095	0.25 to 0.60
Other current financial assets	1	-	-	-	-	1	1.25
Trade and other receivables	-	-	-	-	39	39	
Long-term loans to subsidiary and interest receivable	15	266	-	-	-	281	Average rate of the financial costs of the Company plus a stipulated margin
Long-term loans to associated company and interest receivable	-	-	-	3,221	-	3,221	MLR + margin
	16	266	-	9,316	39	9,637	

(Unit: Million Baht)

	Separate financial statements						
	31 December 2020						
	Fixed interest rates						
	Within	Over	Over	Floating	Non-interest		Effective
	1 year	1-5 years	5 years	interest rate	bearing	Total	interest rate
							(% per annum)
Financial liabilities							
Trade and other payables	-	-	-	-	50	50	
Lease liabilities - net of deferred interest expenses	23	63	42	-	-	128	0.77 to 3.64
Debentures - net of deferred issuing costs	3,999	4,996	1,498	-	-	10,493	2.31 to 4.06
	4,022	5,059	1,540	-	50	10,671	

(Unit: Million Baht)

Separate financial statements							
31 December 2019							
	Fixed interest rates			Floating interest rate	Non-interest bearing	Total	Effective interest rate  (% per annum)
	Within 1 year	Over 1-5 years	Over 5 years				
<b>Financial assets</b>							
Cash and cash equivalents	-	-	-	1,539	1	1,540	0.38 to 1.00
Current investments	1	-	-	-	461	462	1.25
Trade and other receivables	-	-	-	-	34	34	
Long-term loans to subsidiary and interest receivable	8	271	-	-	-	279	Average rate of the financial costs of the Company plus a stipulated margin
Long-term loans to associated company and interest receivable	-	-	-	3,054	-	3,054	MLR + margin
	9	271	-	4,593	496	5,396	
<b>Financial liabilities</b>							
Trade and other payables	-	-	-	-	44	44	
Debentures - net of deferred issuing costs	-	3,998	2,498	-	-	6,496	2.56 and 4.06
	-	3,998	2,498	-	44	6,540	

Detail of the long-term loans described in Note 7 and 23 to the financial statements.

#### *Interest rate sensitivity*

The following table demonstrates the sensitivity of the Group's profit before tax to a reasonably possible change in interest rates on that portion of floating rate loans to and loans from affected as at 31 December 2020, with all other variables held constant.

Currency	Increase/decrease	Effect on profit before tax
	(%)	(Thousand Baht)
THB	+0.25	(8,061)
	-0.25	8,061

The above analysis has been prepared assuming that the amounts of the floating rate loans to loans from and all other variables remain constant over one year. Moreover, the floating legs of these loans to and loans from are assumed to not yet have set interest rates. As a result, a change in interest rates affects interest receivable/payable for the full 12-month period of the sensitivity calculation.

#### *Foreign currency risk*

Foreign currency risk is the risk that the value of a financial instrument will fluctuate because of changes in foreign exchange rates.

The Group's main exposure to foreign currency risk is through parts of its sales of electricity, costs of sales of electricity, and other payables, which are denominated in foreign currencies. The Group manages this risk through proper structuring of power purchase agreements and loan agreements as well as cash flow management to ensure that cash received in each currency is adequate to support the cash outflows required for operation and repayment of principal and interest under that currency. Additionally, the Group may consider using forward contract in the amount and period according to the situation and the currency usage requirement.

As at 31 December 2020 and 2019, the balances of financial assets and liabilities denominated in foreign currencies of the Group are summarised below.

Consolidated financial statements						
Foreign currency	Financial assets		Financial liabilities		Average exchange rate	
	2020	2019	2020	2019	as at 31 December	
	(Million)	(Million)	(Million)	(Million)	2020	2019
	(Baht per 1 foreign currency unit)					
USD	4.9	8.3	2.4	2.6	30.0371	30.3313
CHF	-	-	-	0.6	34.0287	30.6267

Separate financial statements						
Foreign currency	Financial assets		Financial liabilities		Average exchange rate as at 31 December	
	2020	2019	2020	2019	2020	2019
	(Million)	(Million)	(Million)	(Million)	(Baht per 1 foreign currency unit)	
CHF	-	-	-	0.6	34.0287	30.6267

As at 31 December 2020 and 2019, the Group did not utilise any contracts to hedge foreign exchange rate risk.

#### *Foreign currency sensitivity*

The following tables demonstrate the sensitivity of the Group's profit before tax to a reasonably possible change in USD exchange rates, with all other variables held constant. The impact on the Group's profit before tax is due to changes in the fair value of monetary assets and liabilities as at 31 December 2020.

Currency	Change in FX rate	Effect on profit before tax
	(%)	(Thousand Baht)
USD	+5.0	3,755
	- 5.0	(3,755)

#### **Liquidity risk**

The Group monitors the risk of a shortage of liquidity through regularly monitoring cash flow projections with update-to-date information, managing loan agreements and coordinating closely with lending financial institutions to minimize potential non-compliance and establishing a long-term capital structure plan, which includes the issuance and offering of debt instruments, in order to ensure flexibility and efficiency of liquidity management. In addition, the Group has policy to manage excess cash through bank deposits and short-term investments in highly liquid securities with reputable financial institutions. The Group also has credit line for additional borrowings from various financial institutions when the use of cash arises.

As of 31 December 2020, approximately 19 % of the Group's debt will mature in less than one year (2019: 13%) (the Company only: 38% (2019: 1%)) based on the carrying value of borrowings reflected in the financial statements. The Group has assessed the concentration of risk with respect to refinancing its debt and considered such risk to be low with the Group having sufficient variety of sources of fundings.

The table below summarises the maturity profile of the Group's non-derivative financial liabilities as at 31 December 2020 based on contractual undiscounted cash flows:

(Unit: Thousand Baht)

	Consolidated financial statements			
	Less than 1	1 to 5	Over 5 years	Total
	year	years		
<b>Financial liabilities</b>				
Trade and other payables	620,000	-	-	620,00
Lease liabilities	40,492	127,324	318,524	486,340
Long-term loans from financial institutions	713,972	2,666,413	4,104,394	7,484,779
Debentures	5,753,926	10,940,930	12,697,494	29,392,350
Other long-term liabilities - related party (Note 26)	-	309,857	-	309,857
<b>Total</b>	<b>7,128,390</b>	<b>14,044,524</b>	<b>17,120,412</b>	<b>38,293,326</b>

(Unit: Thousand Baht)

	Separate financial statements			
	Less than 1	1 to 5	Over 5 years	Total
	year	years		
<b>Financial liabilities</b>				
Trade and other payables	49,603	-	-	49,603
Lease liabilities	25,633	69,435	43,374	138,442
Debentures	4,267,713	3,227,145	5,357,511	12,852,369
<b>Total</b>	<b>4,342,949</b>	<b>3,296,580</b>	<b>5,400,885</b>	<b>13,040,414</b>

### 37.2 Fair values of financial instruments

Since the majority of the Group's financial assets and liabilities, consisting of trade and other payables, are short-term in nature, while restricted bank deposits, long-term loans to subsidiary and associated company, long-term loans from financial institutions and debentures bear interests at rates close to market rates, their fair values are not expected to be materially different from the amounts presented in the statement of financial position. In addition, the subsidiary recorded other long-term liabilities - related party at fair value (as discussed in note 26).

As at 31 December 2020, the Group had the investments in unit trust in fixed income open-ended fund that were measured at fair value using level 2 amounting to Baht 0.4 million (2019: Baht 693.8 million) (Separate financial statement: Baht 0.3 million (2019: Baht 460.6 million)).

During the current year, there were no transfers within the fair value hierarchy.



### 38. Capital management

The primary objectives of the Group's capital management are to ensure appropriate capital structure, as stipulated in the long-term loans agreements made between the financial institutions and the subsidiaries and in condition of debentures, and to preserve the ability to continue the businesses as a going concern.

### 39. Events after the reporting period

#### The Company

In January 2021, Luang Prabang Power Company Limited ("LPCL") called for an additional capital injection from CK Power Public Company Limited ("CKP"), who hold 42 percent of its issued and paid-up share capital for the total amount of Baht 2,170.56 million with the proceeds received on 18 January 2021.

On 22 February 2021, the Company's Board of Directors' Meeting No. 1/2021 passed a resolution to pay a dividend of Baht 0.035 per share or a total of Baht 284.53 million, to the shareholders in respect of the profit for the year 2020. The resolution will be proposed to the Annual General Meeting of Shareholders for the year 2021 for approval.

#### Nam Ngum 2 Power Company Limited

On 18 February 2021, the Board of Directors' Meeting of Nam Ngum 2 Power Company Limited No. 1/2021 passed a resolution to pay a dividend of Baht 0.25 per share, or a total of Baht 220.20 million, to the shareholders of the subsidiary in respect of the operation from July to December 2020 and retained earnings. The resolution will be proposed to the Annual General Meeting of Shareholders of Nam Ngum 2 Power Company Limited for the year 2021 for approval.

#### Bangpa-in Cogeneration Limited

On 17 February 2021, the Board of Directors' Meeting of Bangpa-in Cogeneration Limited No. 1/2021 passed a resolution to pay a dividend of Baht 1.10 per share, or a total of Baht 297.55 million, to the shareholders of the subsidiary in respect of the profit from July to December 2020 and retained earnings. The resolution will be proposed to the Annual General Meeting of Shareholders of Bangpa-in Cogeneration Limited for the year 2021 for approval.

### Bangkhenchai Company Limited

On 19 February 2021, the Board of Directors' Meeting of Bangkhenchai Company Limited No. 1/2021 passed a resolution to pay a dividend of Baht 5.00 per share, or a total of Baht 11.71 million, to the shareholders of the subsidiary in respect of the profit from July to December 2020. The resolution will be proposed to the Annual General Meeting of Shareholders of Bangkhenchai Company Limited for the year 2021 for approval.

#### **40. Approval of financial statements**

These financial statements were authorised for issue by the Company's Board of Directors on 22 February 2021.

## Abbreviation List

The Company / CKP / CKPower	: CK Power Public Company Limited
CK	: CH. Karnchang Public Company Limited
CK Group	: CH. Karnchang Public Company Limited Group
BEM	: Bangkok Expressway and Metro Public Company Limited
TTW	: TTW Public Company Limited
SEAN	: SouthEast Asia Enery Limited
NN2	: Nam Ngum 2 Power Limited
BKC	: Bangkhenchai Company Limited
BIC	: Bangpa-in Cogeneration Limited
NRS	: Nakhon Ratchasima Solar Company Limited
CRS	: Chiangrai Solar Company Limited
LPCL	: Luang Prabang Power Company Limited
XPCL	: Xayaburi Power Company Limited
BLDC	: Bangpa-in Land Development Company Limited
CHK	: CH. Karnchang (Lao) Company Limited
PTT	: PTT Public Company Limited
GPSC	: Global Power Synergy Public Company Limited
PTS	: PT Sole Company Limited
RATCH	: RATCH Group Public Company Limited
NESDC	: Office of The National Economic and Social Development Council
ERC	: Energy Regulatory Commission
NEPC	: The National Energy Policy Council
DEDE	: Department of Alternative Energy Development and Efficiency
EGAT	: Electricity Generating Authority of Thailand
PEA	: Provincial Electricity Authority
MEA	: Metropolitan Electricity Authority
Ratch-Lao	: Ratch-Lao Service Company Limited
Lao PDR	: Lao People's Democratic Republic
GOL	: Governance of Lao People's Democratic Republic
EdL	: Electricite du Loas
EDL-Gen	: EDL-Generation Public Company
SEC	: The Securities and Exchange Commission
SET	: The Stock Exchange of Thailand
Holding Company	: The Company operates its core business as a holding company by holding shares in other companies
AEDP 2015	: Alternative Energy Development Plan for 2015 - 2036
PDP 2018 Revision 1	: Thailand Power Development Plan for 2018 - 2037 Revision 1
IOD	: Initial Operation Date
COD	: Commercial Operation Date
PE	: Primary Energy
SE	: Secondary Energy
EE	: Excess Energy

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Reserve Account	: Reserve Account
GDP	: Gross Domestic Product
Dollars (\$)	: US Dollars
Unit	: KWh
IPP	: Independent Power Producer
SPP	: Small Power Producer
VSPP	: Very Small Power Producer
Adder	: Tariff Adder for Renewable Power
CG Policy	: Corporate Governance Policy
CG Principle	: The Principles of Good Corporate Governance for Listed Companies 2012
CG Code	: Corporate Governance Code for Listed Companies 2017
Control Policy	: Control Policy for the Company's Subsidiaries and Affiliates
MOU	: Memorandum of Understanding
PPA	: Power Purchase Agreement
KPIs	: Key Performance Indicators
Connected Transaction Notifications	: Notification of the Capital Market Supervisory Board No. TorJor. 21/2551 Re: Rules on Connected Transactions and the Notification of the Board of Governors of the Stock Exchange of Thailand Re: Disclosure and Other Acts of Listed Companies on Connected Transactions, B.E. 2546 (as amended)
Acquisition or Disposition Notifications	: Notification of the Capital Market Supervisory Board No. TorJor. 20/2551 Re: Rules on Entering into Material Transactions Deemed as Acquisition or Disposal of Assets and Notification of the Board of Governors of the Stock Exchange of Thailand Re: Disclosure of Information and Other Acts of Listed Companies Concerning the Acquisition or Disposition of Assets B.E. 2547
Notification of the Capital Market Supervisory Board No. TorChor. 39/2559	: Notification of the Capital Market Supervisory Board No. TorChor. 39/2559 Re: Application for and Approval of Offer for Sale of Newly Issued Shares, including its amendments.
The Securities and Exchange Act	: The Securities and Exchange Act B.E. 2535
Form 56-1	: Annual Registration Statement
Form 56-2	: Annual Report



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