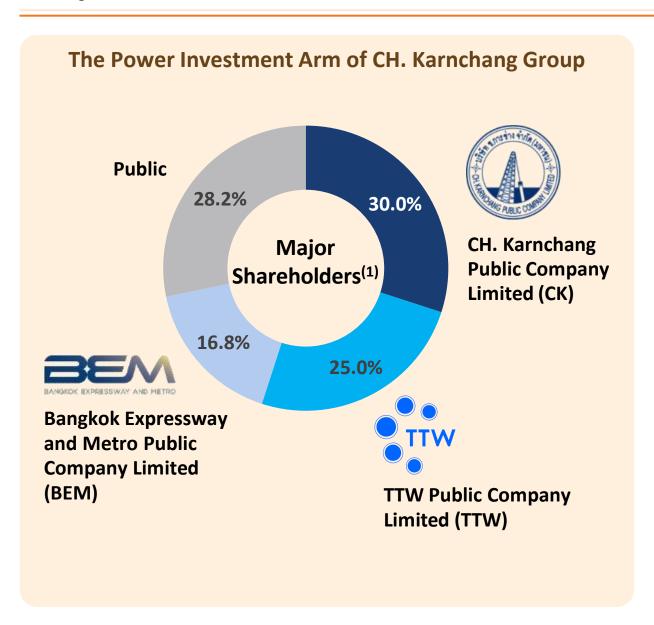


- 1. Corporate Overview
- 2. Growth & Sustainability Strategy
- 3. 1H 2022 Consolidated Performance

Corporate Overview







General Information

Symbol : CKP

Established Date : 8 June 2011

Listed Date : 18 July 2013

Paid-up Shares : 8,129,382,729 shares

Par : Bt 1.00 per share

Registered Capital: Bt 8,129 mn

Market Cap : Bt 41,866 mn⁽²⁾

Indices : SET 100

SET THSI

SET CLMV

Sector: Energy

TRIS Rating: A / Stable

CG Score :

Latest Dividend Payout : Bt 650 mn (75% Payout Ratio)

Portfolio Overview



Hydro



1. Nam Ngum 2

Subsidiary



COD: Jan 2013
Ownership: 46.0%
Capacity MW: 615
Equity MW: 283

2. Xayaburi



COD: Oct 2019
Ownership: 42.5%
Capacity MW: 1,285
Equity MW: 546

Cogeneration



3. Bangpa-In Cogeneration



BIC1 BIC2
COD: Jun 2013 Jun 2017
Ownership: 65.0% 65.0%
Capacity MW: 118 120
Equity MW: 77 78

Total Installed MW Capacity: 2,167 MW

Total Equity MW Capacity: 1,003 MW

Solar



Bangkhenchai

Subsidiary

Ownership: 100.0%



To	tal Capacity 15 MW	<u>Since</u>
4.	Bangkhenchai (8.00)	Aug 2012
5.	Phachi (0.89)	Feb 2019
6.	Banglen (0.97)	May 2019
7.	Phutthamonthon Sai 5 (0.97)	Jun 2019
8.	Mahachai (0.72)	Jun 2019
9.	Krathum Ban (0.51)	Jul 2019
10	. Khlong Preng (2.67)	Sep 2020

11. Nakhon Ratchasima

Solar Associate

COD: Mar 2012
Ownership: 30.0%
Capacity MW: 6
Equity MW: 2

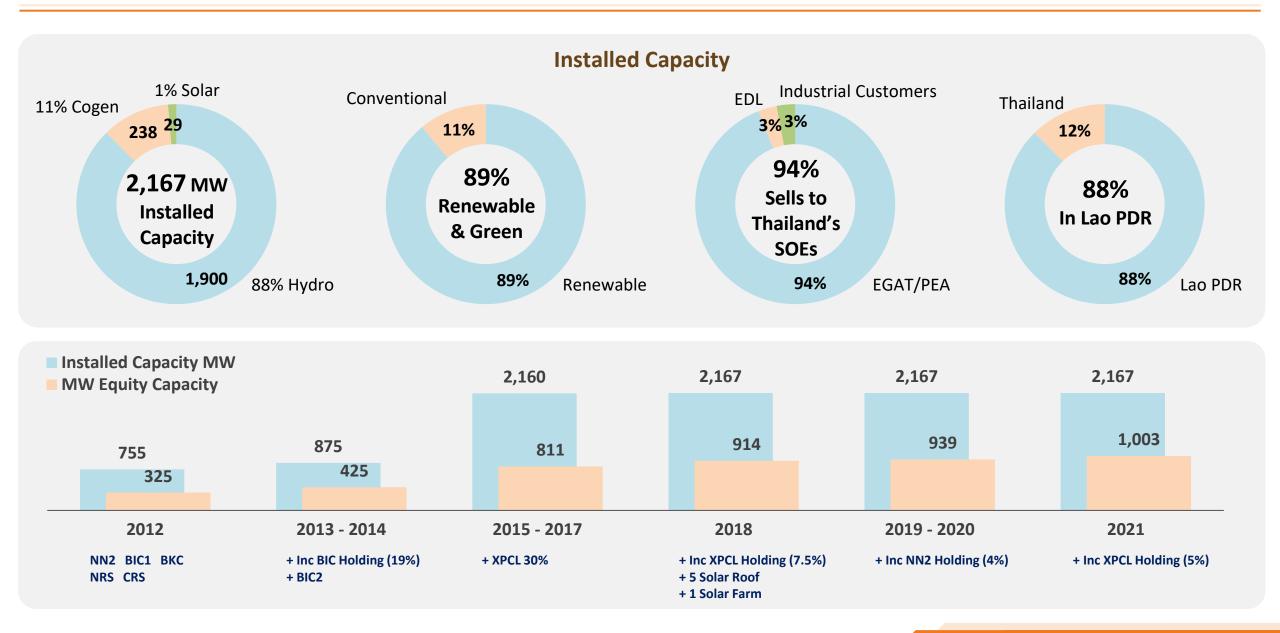
12. Chiangrai Solar

Associate

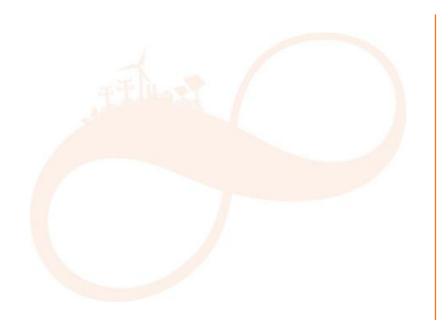
COD: Jan 2013
Ownership: 30.0%
Capacity MW: 8
Equity MW: 2

Portfolio Overview









- 1. Corporate Overview
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CKP Long-term Corporate Strategy

TO BE ONE OF THE REGION'S **LARGEST PRODUCERS** OF ELECTRICITY FROM **RENEWABLES** WITH ONE OF THE **LOWEST CARBON FOOTPRINTS**



TO GENEREATE AN OPTIMAL STABLE AND FAIR RETURN FOR SHAREHOLDERS

Environment

TO BE RESPONSIBLE TO THE ENVIRONMENT **COMMUNITY AND ALL STAKEHOLDERS**

GROWTH

DOUBLE CAPACITY IN 3 YEARS



4,800 MW Total by 2024

95% Renewable







Wind



Solar



ASEAN Focused

PROFITABILITY

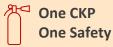
OPERATIONAL EXCELLENCE



Zero Downtime Operation



Regional Hydro Forecasting & Shared Service Center

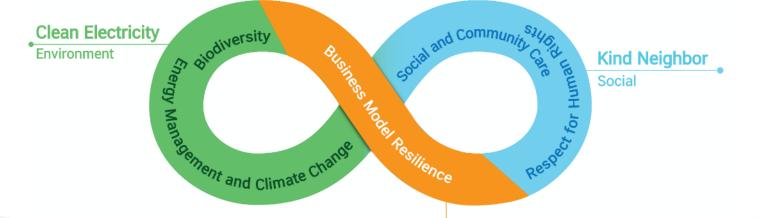


Green Financing

SUSTAINABILITY

STRENGTHEN BUSINESS SUSTAINABILITY, CLIMATE CHANGE STRATEGY, CG AND RISK MANAGEMENT











Energy management and Climate

- 100% Renewable Electricity Consumption within Organization Including REC⁽¹⁾ by 2043
- > 95% Renewable Energy Capacity by 2043
- Net Zero GHG Emission by 2050

Biodiversity

- Develop Biodiversity Roadmap by 2023
- Assessment of Residual Impact at all operation sites by 2025
- Strive toward No Net Loss (NNL) of Biodiversity and Ecosystem Services by 2040



Partnership for Life
Governance

Kind Neighbor

Respect for Human Rights

- Develop the Human Rights Roadmap for our business by 2022
- Raising Awareness for Human Rights cover 100% for Employee by 2022
- 100% Assessed Human Right Risk and Impact Assessment throughout our Value Chain
- Zero Cases of Human Rights Violation

Social and Community Care

- Zero unresolved Complaints
- Develop CSR Strategy/Corporate Citizenship Strategy by 2022
- Creating Value for Society and Ecosystem with Renewable Electricity by 2026



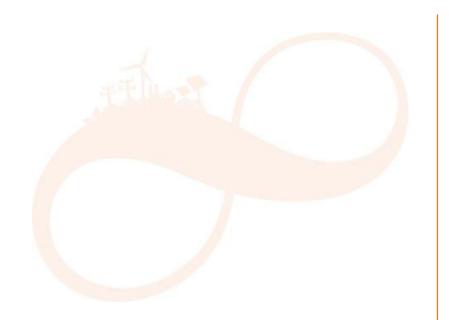
Partnership For Life

Business Model Resilience

- Diversify Renewable type
- Explore New Customers & Geographies within ASEAN
- Integrate Digital Transformation & other Innovations







- 1. Corporate Overview & Long-term Growth
- 2. Sustainability Strategy
- 3. 1H 2022 Consolidated Performance

Key Developments in 2022



Luang Prabang Hydroelectric Power Project

Execution of Tariff MOU

Date : 27 April 2022

Avg. Tariff : 2.4030 Bt/kWh

MW Capacity : 1,460 MW

SCOD : 1 January 2030

Progress : Under financing negotiation

XPCL's Green Debentures No. 1/2022 Issuance

Date : 27 July 2022

Issue Rating : BBB+ / Stable

Initial Issue Size : Bt 5,000 mn

Over Allotment : Bt 3,395 mn

Use of Proceeds: Repay Existing Loans for Interest Cost Savings

Green Debenture	Rate	Tenor	Maturity	Bt mn
Tranche 1	4.50%	3 years	July 2025	4,031
Tranche 2	4.75%	4 years	July 2026	1,258
Tranche 3	5.00%	5 years	July 2027	3,106
Total	Avg. 4.72%			8,395

Awards and Recognition

DNV

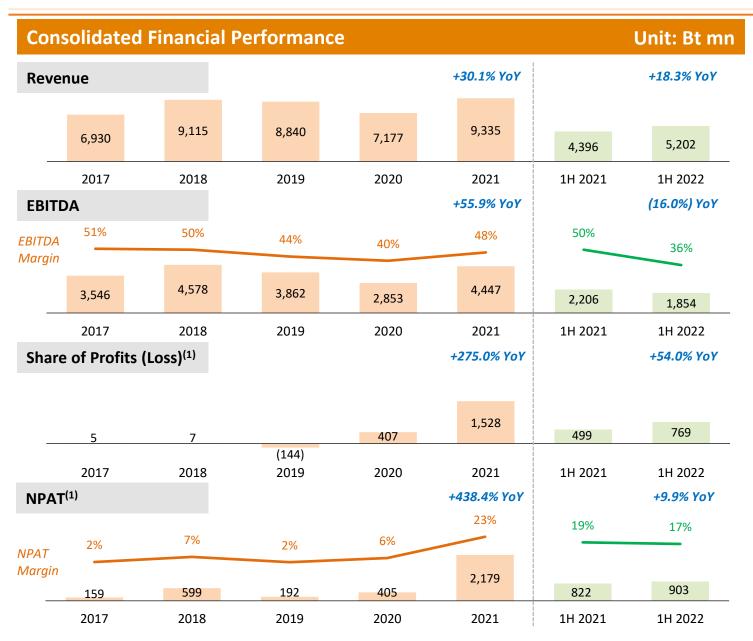


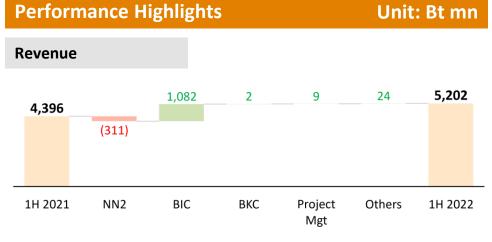
By Thaipat Institute



CKPower 1H 2022 Consolidated Performance

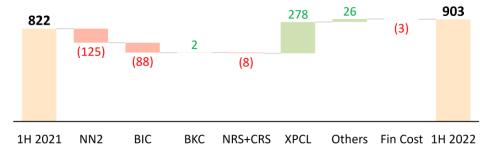






- Increase in Revenue from Electricity and Steam Sales of BIC driven by higher natural gas price and Project Management Income from XPCL;
- Partially offset by lower Revenue from Electricity Sales of NN2.

NPAT



- Consolidated NPAT increased YoY mainly driven by higher share of profit from XPCL;
- Partially offset by lower sales volume of NN2 and higher fuel costs of BIC.

CKPower 1H 2022 Consolidated Income Statement



Docarintian	Year (B	t mn)	Chang	ges
Description	1H 2021	1H 2022	Inc/(Dec)	%
Revenue from Sales of Electricity and Steam	4,020.0	4,792.8	772.8	19.2
Project Management Income	145.1	154.0	8.9	6.1
Interest Income	228.6	251.7	23.1	10.1
Other Income	2.5	3.6	1.1	44.0
Total Revenues	4,396.2	5,202.1	805.9	18.3
Operating Expenses	(3,245.5)	(4,404.6)	1,159.1	35.7
Share of Profit from Investments in Jointly				
Controlled Entities and Associates	499.5	769.0	269.5	54.0
Foreign Exchange Gain	17.9	15.9	(2.0)	(11.2)
Earnings Before Interest and Tax	1,668.1	1,582.4	(85.7)	(5.1)
Finance Cost	(529.3)	(532.4)	3.1	0.6
Income Tax Expenses	(23.9)	(26.6)	2.7	11.3
Non-controlling Interests of the Subsidiaries	(293.3)	(120.6)	(172.7)	(58.9)
Net Profit attributable to Equity Holders of the				
Company	821.6	902.8	81.2	9.9



Consolidated Subsidiaries

NN2 Nam Ngum 2 Power

BIC Bangpa-in Cogeneration

BKC Bangkhenchai



Associate/Jointly Controlled

XPCL Xayaburi Power

NRS Nakhon Ratchasima Solar

CRS Chiangrai Solar

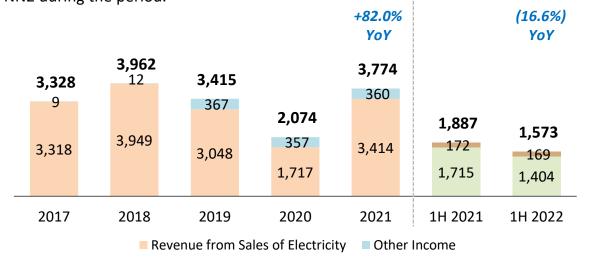
NN2 1H 2022 Performance





Total Revenue⁽¹⁾ Unit: Bt mn

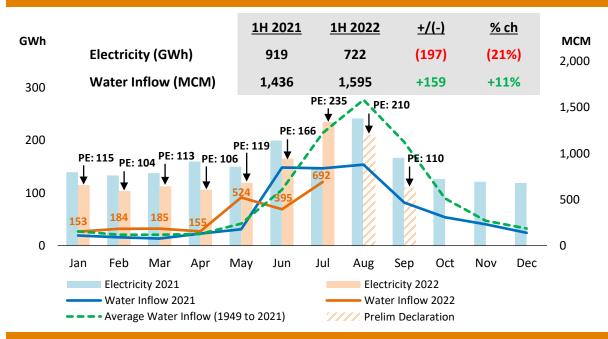
Total Revenue in 1H 2022 decreased YoY, mainly due to lower water level in the reservoir at the beginning of the year, resulted in the conservative declaration of NN2 during the period.



Tariff Structure

	PE Tariff	SE Tariff	EE Tariff	
US\$ per kWh	Bt per kWh	Total Bt equiv. (2) per kWh	Bt per kWh	Bt per kWh
0.0267	1.041	1.948	1.353	1.145

Monthly Electricity Sales and Water Inflow



Electricity Sales Volume

Sales Volume (GWh)	2017	2018	2019	2020	2021	1H 2021	1H 2022
PE	1,829	1,980	1,675	916	1,742	919	722
SE	25	130	4	-	99	-	-
EE	-	344	-	-	-	-	-
TE	4	1	6	4	4	-	-
Account-PE	-	-	-	-	-	-	-
Account-SE	-	-	-	-	-	-	-
Total	1,857	2,455	1,685	920	1,845	919	722

XPCL 1H 2022 Performance

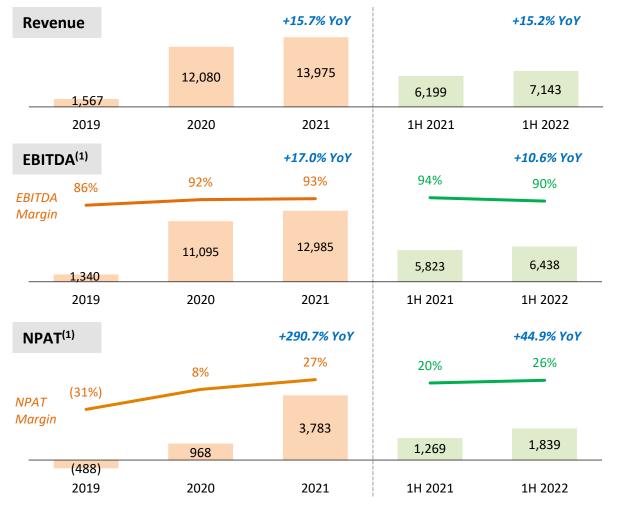




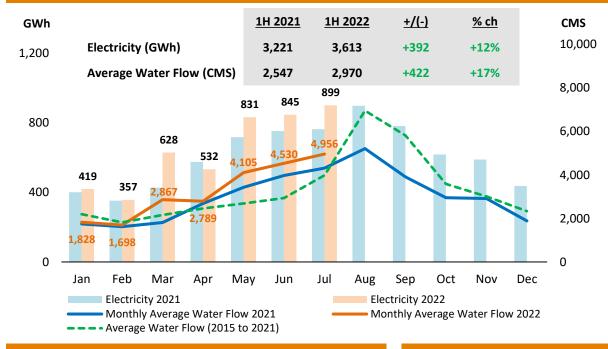
Financial Performance

Unit: Bt mn

The improvement of 1H 2022 performance YoY was mainly driven by an increase in sales volume following the higher average water flow compared to the same period last year.



Monthly Electricity Sales and Average Water Flow

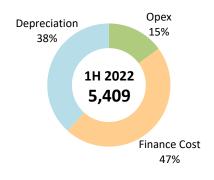


Average Tariff & Structure

Bt/kWh 1,96 1.91 1.91 1.88 1H 2022 2019 2020 2021 **PE Tariff** SE Tariff EE Tariff Year **Total Bt** Bt/kWh US\$/kWh Bt/kWh Bt/kWh eq.⁽²⁾/kWh 2019-2024 0.0374 2.5419 1.652 1.271 1.050 2025 0.0374 1.271 2.5419 1.652 1.398 Onward

Cost Structure

Unit: Bt mn



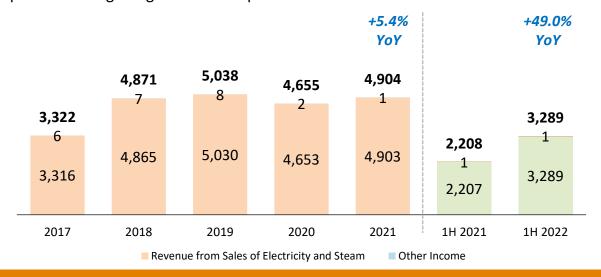
BIC 1H 2022 Performance



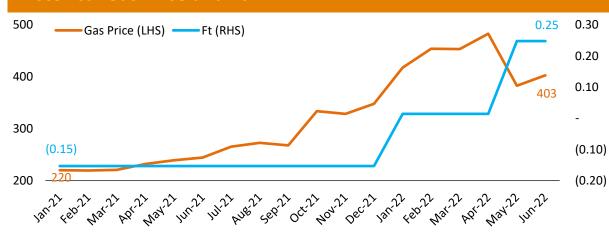


Total Revenue Unit: Bt mn

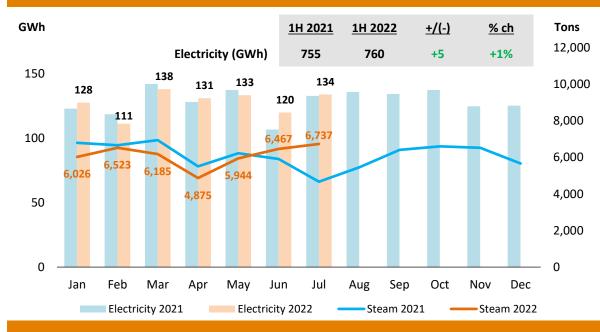
Total Revenue in 1H 2022 increased YoY, mainly driven by the rise in natural gas price following the global market price situation.



Historical Gas Price and Ft



Monthly Electricity and Steam Production



Electricity and Steam Sale Volume

	2017	2018	2019	2020	2021	1H 2021	1H 2022
EGAT	959	1,277	1,250	1,236	1,238	603	607
IUs	158	276	311	300	306	151	153
Total (GWh)	1,117	1,553	1,561	1,536	1,544	755	760
Steam (Tons)	106,645	94,459	87,486	74,026	73,395	38,057	36,020
Avg. gas price (Bt/MMBTU)	236	258	273	245	266	229	432

BKC 1H 2022 Performance





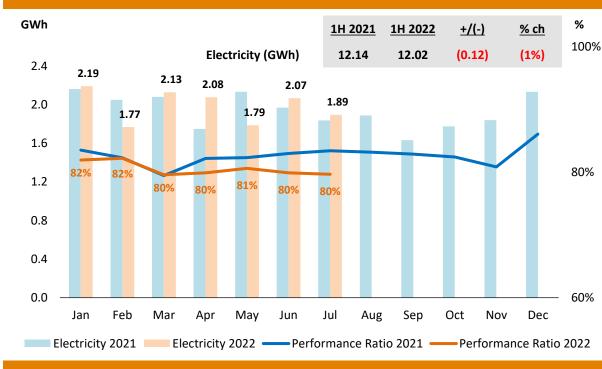
Unit: GWh

Total Revenue⁽¹⁾ Unit: Bt mn

1H 2022 revenue increased YoY, driven by rising wholesale Ft rate compared to the same period last year.



Monthly Electricity Production(1)



Electricity Sales Volume⁽¹⁾

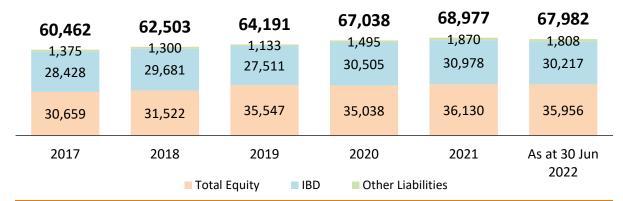
	2017	2018	2019	2020	2021	1H 2021	1H 2022
Electricity (GWh)	12.71	12.27	15.55	20.13	23.25	12.14	12.02
Avg. Ft ⁽²⁾ (Bt/kWh)	(0.35)	(0.30)	(0.20)	(0.26)	(0.35)	(0.36)	(0.06)

Consolidated Financial Position as at 30 June 2022



Financial Position Unit: Bt mn

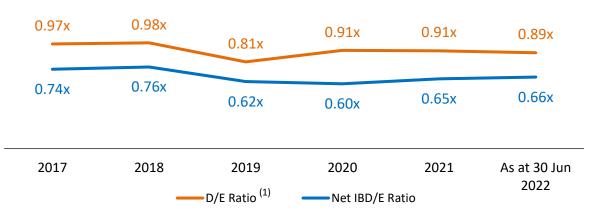
Total Assets as at 30 June 2022 decreased mainly from the decline in cash after the redemption of NN2's debentures, the dividend payment, the repayments of long-term loan from financial institutions and the recognition of depreciation.



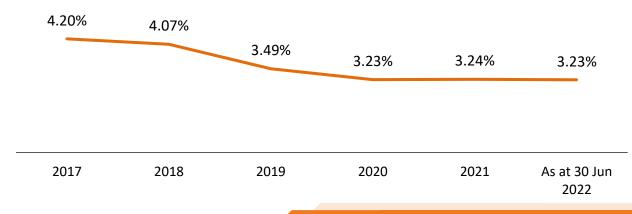
Long-term Loan and Debentures(2) Unit: Bt mn 3,247 (11%)5,506 24,900 2,162 (18%)(82%)(7%) 12,597 (41%) 30,406 30,406 12,400 (41%)Debentures CKP NN2 ■ BIC1 BIC2 ■ Loan from financial institutions

Leverage Ratios

CKP's Debentures Covenant: Net IBD/E Ratio not exceeding 3.00x



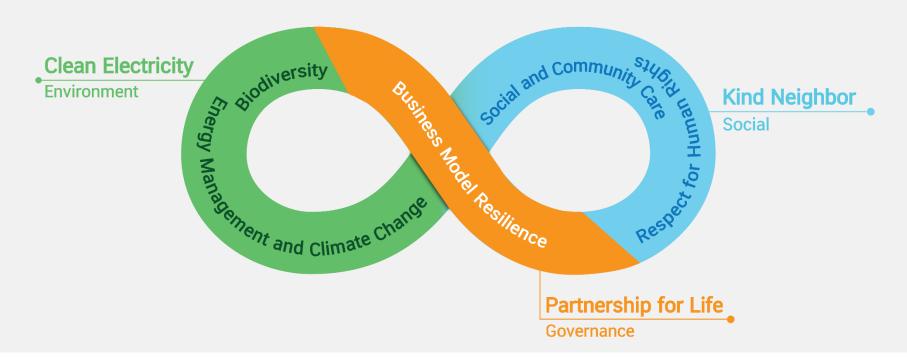
Average Cost of Debt





THANK YOU

RENEWABLE ENERGY FOR A SUSTAINABLE FUTURE



Investor Relations



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