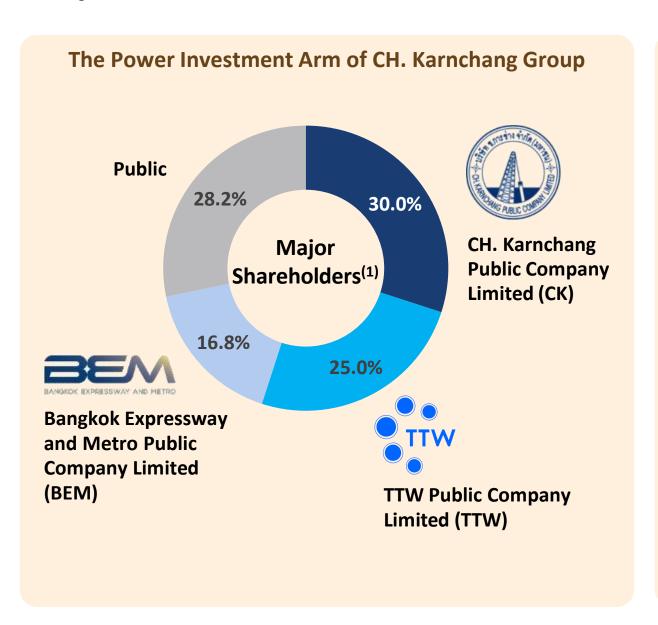


- 1. Corporate Overview and Portfolio
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- 3. Key Developments during 9M 2023
- 4. 9M 2023 Financial Performance
- 5. Q&A

# **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 25,526 mn<sup>(2)</sup>

Indices : SET 100

SET ESG

SET CLMV

**Sector**: Energy

TRIS Rating : A / Stable

# **Portfolio Overview**



#### Hydro



#### 1. Nam Ngum 2



COD: Jan 2013 Concession: 25 years 46.0% Ownership: Capacity MW: 615 **Equity MW:** 283



#### 2. Xayaburi

Associate



COD: Oct 2019 Concession: 31 years Ownership: 42.5% Capacity MW: 1,285 **Equity MW:** 482



#### 3. Luang Prabang

Associate



SCOD: **Early 2030** Concession: 35 years 50.0% Ownership: Capacity MW: 1,460 **Equity MW:** 730

#### Cogeneration



# 4. Bangpa-In Cogeneration



BIC1 BIC2 COD: Jun 2013 Jun 2017 **Periods:** 25 years 25 years 65.0% 65.0% Ownership: 118 120 **Capacity MW:** 78 **Equity MW:** 77

**Total Installed MW Capacity: 3,627 MW** 

**Total Equity MW Capacity: 1,733 MW** 

#### Solar



#### Bangkhenchai

Ownership: 100.0%



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

#### Nakhon Ratchasima Solar Associate

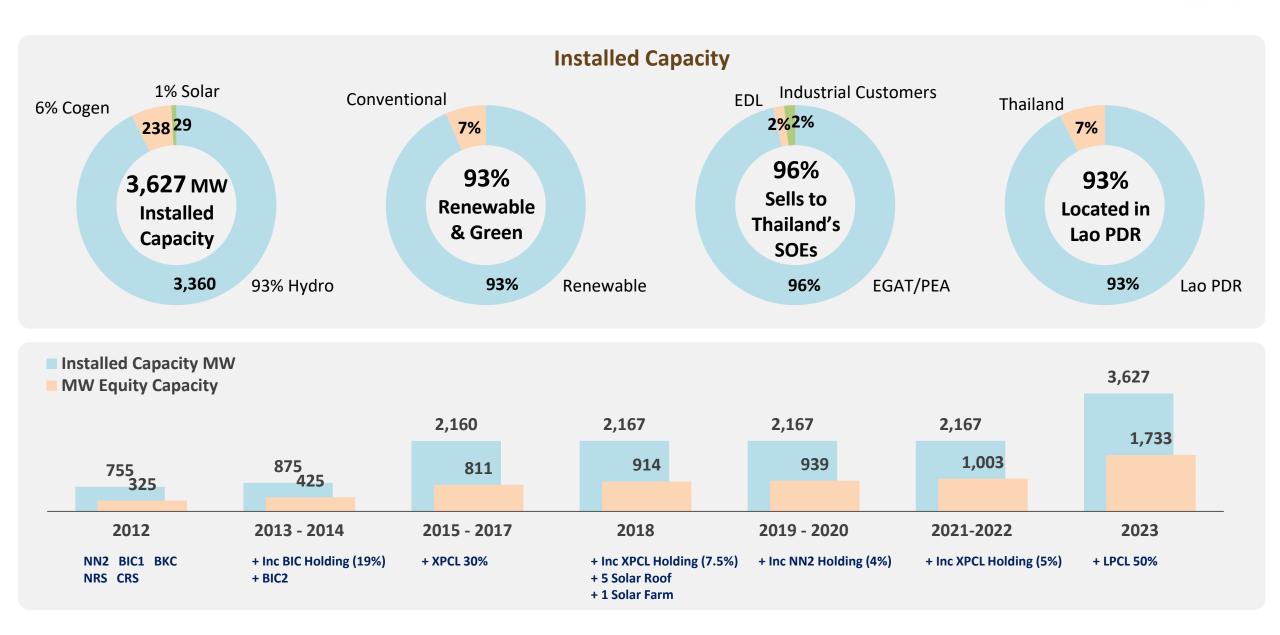
Associate

13. Chiangrai Solar

COD:	Mar 2012	COD:	Jan 2013
Ownership:	30.0%	Ownership:	30.0%
Capacity MW:	6	Capacity MW:	8
Equity MW:	2	Equity MW:	2
		• •	

# **Portfolio Overview**





SOEs: State-owned Enterprises





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# **Long-term Growth**



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













**Sustainability Strategies** 





C

#### **CLEAN ELECTRICITY**

**Environment** 

#### **Energy management and Climate**

- 100% Renewable Internal Electricity Consumption with REC by 2043
- Over 95% Renewable Capacity by 2043
- Net Zero GHG Emission by 2050

#### **Biodiversity**

- Biodiversity Roadmap Development
- Residual Impact Assessment for All Operation Sites by 2025
- No Net Loss (NNL) of Biodiversity and Ecosystem by 2040

#### KIND NEIGHBOR

Social

#### **Respect for Human Rights**

- Human Rights Roadmap Development
- 100% Employee Awareness of Human Rights
- 100% Risk & Impact Assessment of Human Right throughout Value Chain
- Zero Cases of Human Rights Violation

#### **Social and Community Care**

- Zero Unresolved Complaints
- Value Creation for Society and Ecosystem with Renewable Electricity by 2026

#### PARTNERSHIP FOR LIFE

**Governance & Economic** 

#### **Business Model Resilience**

- New Customers & Geographies within ASEAN
- Digital Transformation & Other Innovations







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# **Key Developments during 9M 2023**





# **Dividend Payment from 2022 Operating Results**

Dividend payment of Baht 0.085 per share, totaling of Baht 691.0 million, was approved in the 2023 Annual Ordinary General Meeting.



# LPCL Fulfilled Terms and Conditions under the Main Contracts

- Achieved the terms and conditions of Concession Agreement, Power Purchase Agreement, and Credit Facility Agreement as planned
- Expected COD in Early 2030



#### **CKP Maintained Credit Ratings**

TRIS Rating affirmed CKP's company rating at "A/Stable" and debentures rating "A-/Stable".



#### **NN2** Maintained Credit Ratings

TRIS Rating affirmed NN2's company rating and debentures rating "A/Stable".



#### **XPCL Green Debentures 1/2023**

Date	Tenor	Amount (Bt mn)	Interest Rate
26/10/23	3 years	1,500	5.15%
26/10/23	4 years	384	5.30%
26/10/23	5 years	1,616	5.55%
		3,500	5.35%

# **Key Developments during 9M 2023**



#### **LPCL Investment**



#### **Luang Prabang Hydroelectric Power Project**

Installed Capacity: 1,460 MW

Type: Run-of-River

Concession Period: 35 years

SCOD: Early 2030

- CKP holds 50.0% in Luang Prabang Power Company Limited (LPCL)
  - Total equity investment of LPCL:
     Bt 41,868 mn
  - CKP's proportion of equity investment: Bt 20,934 mn

Total
20,934.0

LPCL Equity Injection
3,899.5

Remaining Equity Investment (2023-2029)
17,034.5

# **Awards and Recognition**



#### **SET ESG Ratings 2023**



Ranked "AAA" in SET ESG Ratings 2023 by the Stock Exchange of Thailand

#### **Excellent CG Score**



Received "Excellent" CG Score for the 6th consecutive year

#### **ESG100 List of 2023**



Included in the ESG100 list of 2023 by Thaipat Institution for the 2nd consecutive year

#### **The Asset ESG Corporate Awards 2022**



Received the ESG Corporate Awards 2022 – Platinum Level from The Asset

# **Awards and Recognition**



# The Most Sustainable Hydro Power Company in Thailand Award



Received the Most Sustainable Hydro Power Company in Thailand Award from the Global Economics Magazine.

# The Best Green Bond Hydropower Plant Framework – Thailand Award



Received the Best Green Bond Hydropower Plant Framework – Thailand Award from the International Finance Magazine.

#### **Asia Responsible Enterprise Awards 2023**





Won Asia Responsible Enterprise Awards 2023 – Social Empowerment from AREA for the 2nd consecutive year.

#### The European Global Sustainability & ESG Awards 2023





- Best Leadership in the Sustainable Energy
   Industry: Mr. Thanawat Trivisvavet Thailand
- Best Sustainable Development Strategy Energy Industry

#### **Carbon Champion Certificate**



Received the Carbon Champion Certificate

– Standard Tier Level from Enterprise Asia's
Carbon Champion Programme

#### **CSR-DIW for Beginner Award 2022**



Two solar power plants of BKC won CSR-DIW for Beginner Award 2022 by the Department of Industrial Works, Ministry of Industry

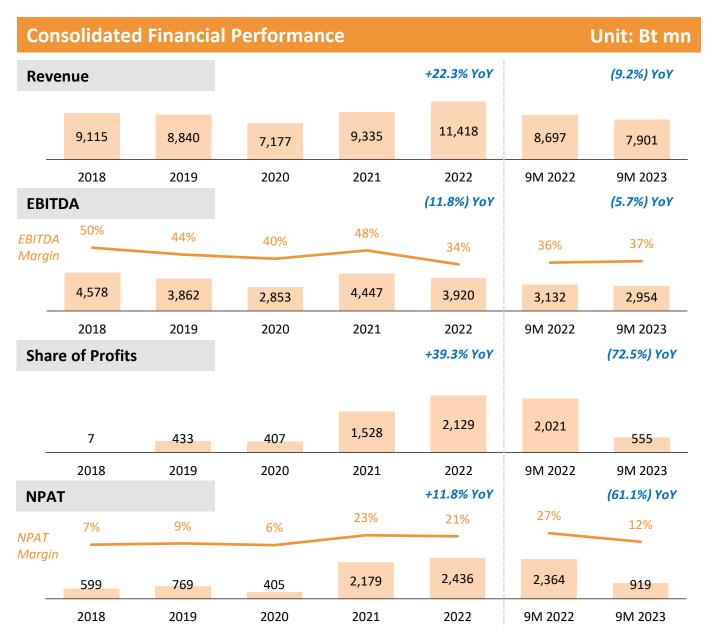


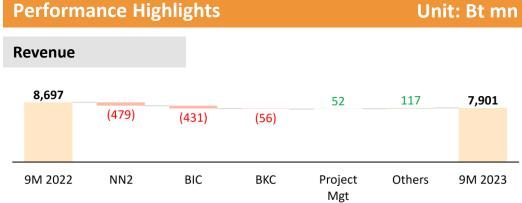


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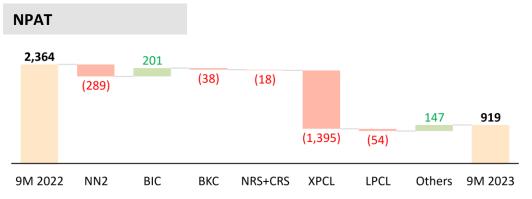
## 9M 2023 Consolidated Performance







- Total Revenues decreased YoY mainly due to lower NN2's revenue following lower electricity sales volume and lower BIC's revenue following lower natural gas price;
- Partially offset by higher project management income, CKP's other income related to LPHPP and BIC's insurance claim.



- NPAT declined YoY mainly driven by lower share of profit from XPCL and lower contribution from NN2;
- Partially offset by higher contribution from BIC, mainly driven by lower natural gas price.

# **NN2 9M 2023 Financial Performance**

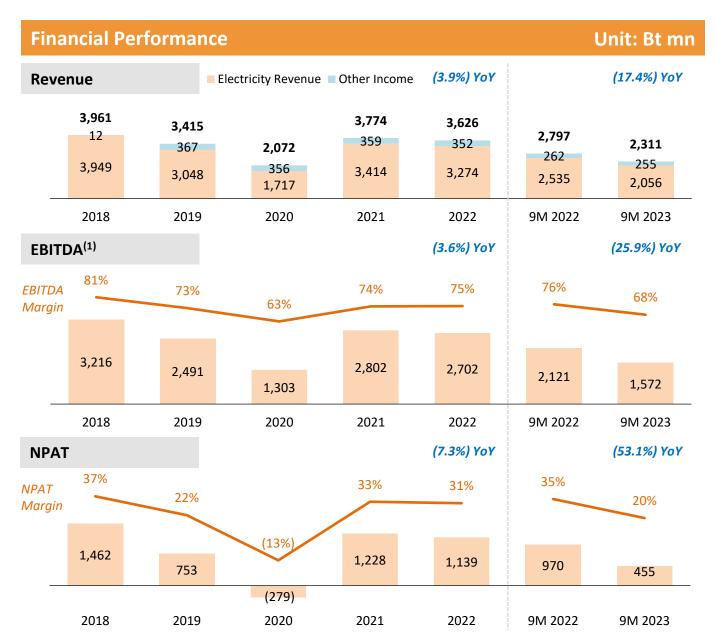


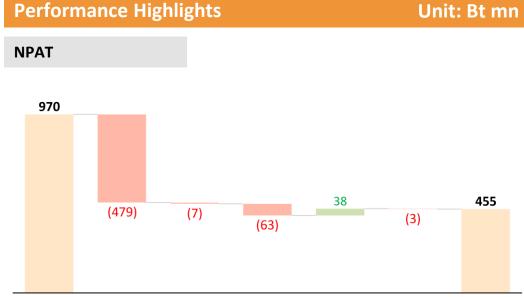
Fin Cost

Others

9M 2023







 NPAT declined mainly due to lower electricity sales following lower inflow during 1H 2023 and an increase in operating cost mainly from the planned Major Overhaul;

Opex

 Partially offset by lower Finance Cost from redemption of matured Debentures.

#### **Key Activities in 2023**

Electricity

Sales Rev

9M 2022

- Major Overhaul during 2023-2025: 1<sup>st</sup> Unit on 18 Nov 28 Dec 2023
- Close monitor of water inflow and declaration

Other

Incomes

- Debentures redemptions:
  - Bt 800 mn redeemed in March
  - Bt 400 mn redeemed in September

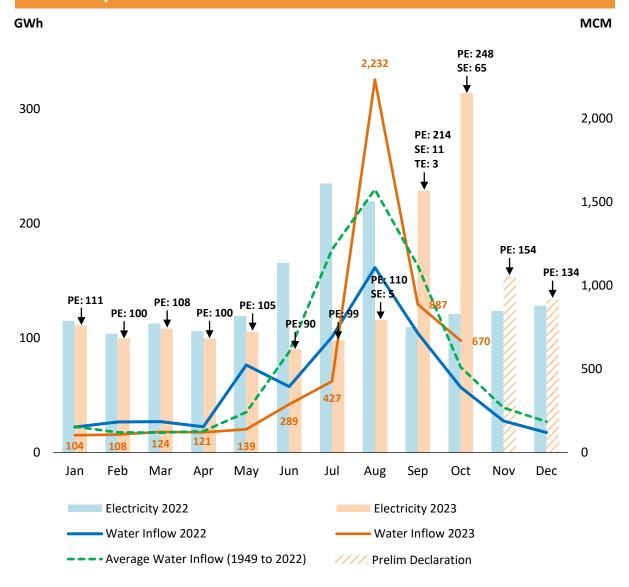
(1) Excluded FX Gain/(Loss)

# NN2 9M 2023 Operation

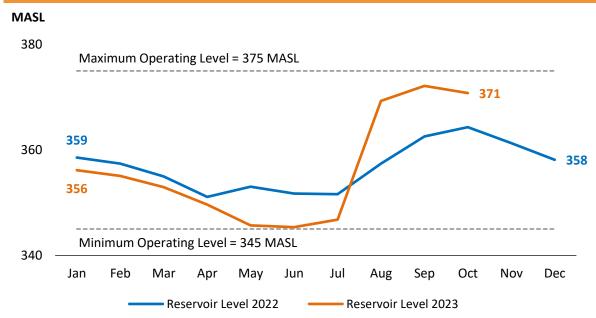




#### **Electricity Sales Volume and Water Inflow**



#### **Reservoir Level (End of Month)**



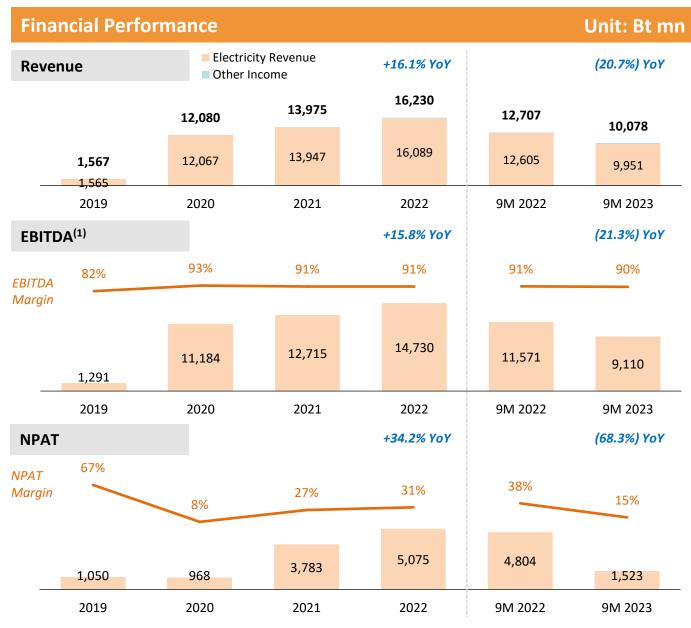
#### Electricity Sales Volume Unit: GWh

	Q3/22	Q4/22	Q1/23	Q2/23	Q3/23	9M/22	9M/23
PE	553	369	319	295	423	1,275	1,036
SE	11	-	-	-	16	11	16
EE	-	-	-	-	-	-	-
TE	-	4	-	-	3	-	3
Account-PE	-	-	-	-	-	-	-
Account-SE	-	-	-	-	-	-	-
Total	564	373	319	295	442	1,286	1,055
% YoY Change	+1.0%	+1.5%	(3.8%)	(24.6%)	(21.6%)	(13.0%)	(17.9%)

## **XPCL 9M 2023 Financial Performance**









#### Unit: Bt mn



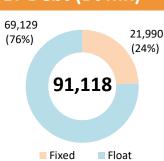


- 9M 2023 performance declined YoY, mainly due to the YoY decline in electricity sales following lower water flow and the YoY increase in finance cost driven by rising global interest rate;
- Partially offset by lower Operating Expenses.

#### **Average Cost of Debt**

#### LT Debt (Bt mn)





#### **Key Activities in 2023**

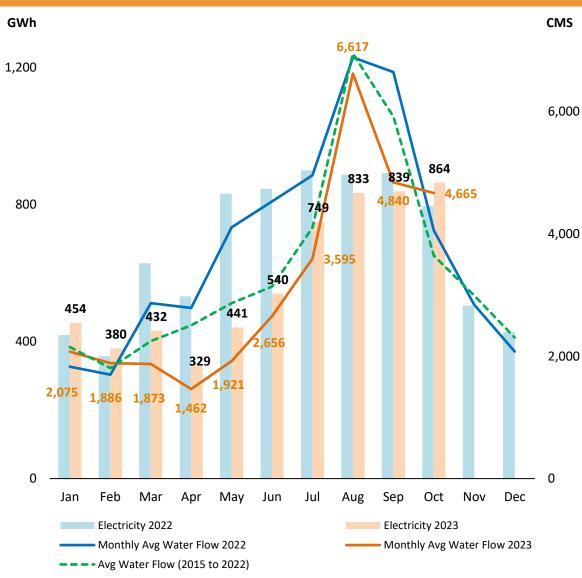
- Optimize electricity declaration and production
- Green Debentures issuance in Oct 2023
- Close monitor of interest rate trend to reduce overall finance cost

(1) Excluded FX Gain/(Loss)

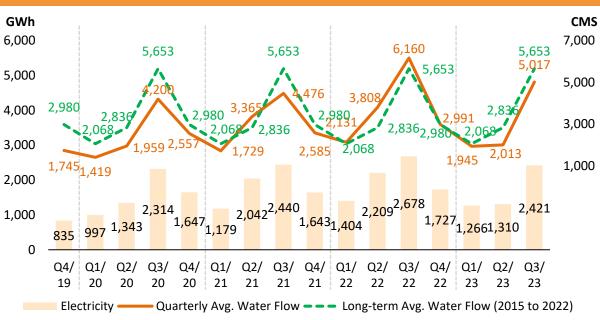
# **XPCL 9M 2023 Operation**



#### **Monthly Electricity Sales Volume and Water Flow**



#### **Quarterly Electricity Sales Volume and Water Flow**



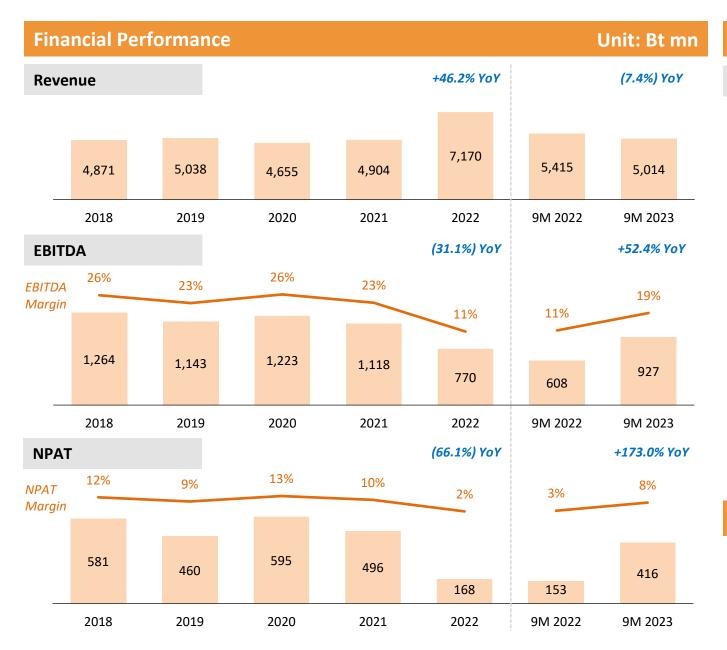
#### Electricity Sales Volume Unit: GWh

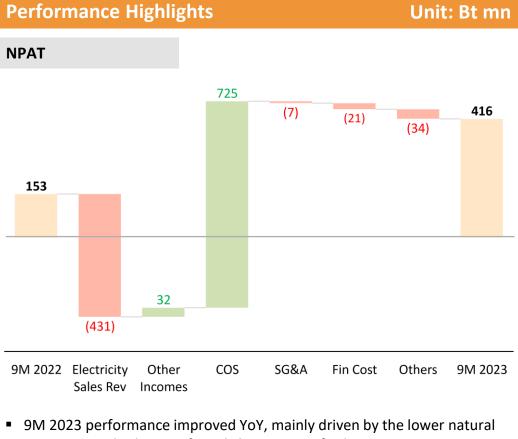
	Q3/22	Q4/22	Q1/23	Q2/23	Q3/23	9M/22	9M/23
Water Flow (CMS)	6,160	2,991	1,945	2,013	5,017	4,033	2,992
PE	1,494	1,064	731	762	1,334	3,534	2,827
SE	589	96	256	274	511	1,355	1,041
EE	489	549	277	268	497	1,295	1,042
TE	-	9	1	-	-	-	1
Total EGAT	2,572	1,718	1,265	1,304	2,342	6,184	4,911
%YoY Ch – EGAT	+8.2%	+4.7%	(9.9%)	(40.9%)	(9.0%)	+10.8%	(20.6%)
EDL	105	9	1	6	79	107	86
% YoY Ch – EDL	+68.3%	+263.4%	+72.7%	+661.5%	(24.9%)	+31.4%	(19.1%)
<b>Grand Total</b>	2,678	1,727	1,266	1,310	2,421	6,291	4,997
% YoY Ch - Total	9.7%	5.1%	(9.9%)	(40.7%)	(9.6%)	+11.1%	(20.6%)

# **BIC 9M 2023 Financial Performance**









gas price resulted in significantly lower Cost of Sales YoY.

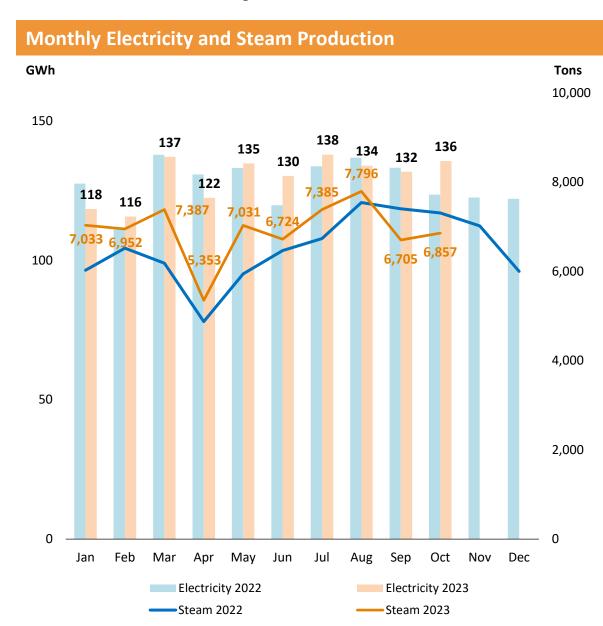
#### **Key Activities in 2023**

- Close monitoring of gas price and cash flow management
- Load optimization and improvement in overall plant efficiency

# **BIC 9M 2023 Operation**







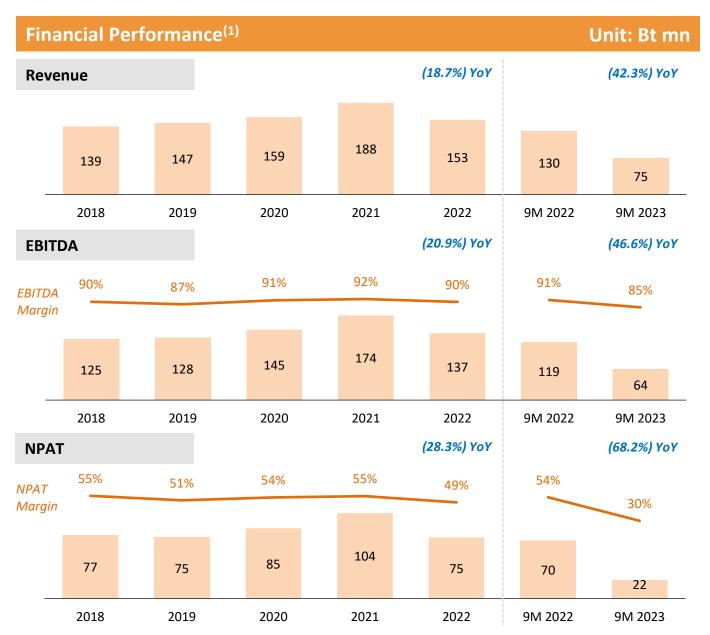


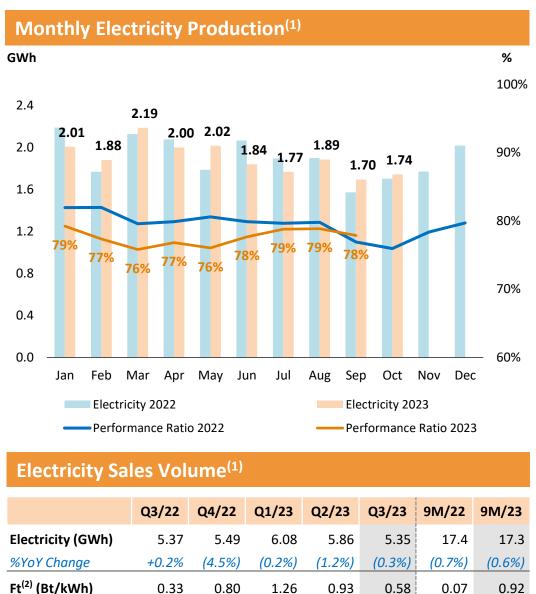
Electricity and S	team Sa	U	nit: GWh	/Tons			
	Q3/22	Q4/22	Q1/23	Q2/23	Q3/23	9M/22	9M/23
EGAT	327	300	301	314	332	933	946
IUs	77	68	70	73	72	231	216
Total (GWh)	404	368	371	387	404	1,164	1,162
Steam (Tons)	21,681	20,335	21,372	19,108	21,886	57,701	62,366
Tariff (Bt/kWh)	5.19	4.70	4.81	4.26	3.80	4.58	4.29
Gas Price (Bt/MMBTU)	562	469	520	419	363	475	434
% YoY Ch – Electricity	+0.3%	(4.9%)	(1.4%)	+1.0%	-	+0.6%	(0.1%)
% YoY Ch – Steam	+31.0%	+8.2%	+14.1%	+10.5%	+0.9%	+5.7%	+8.1%
% YoY Ch – Gas Price	+109.2%	+39.2%	+17.9%	(1.0%)	(35.4%)	+96.1%	(8.7%)

# **BKC 9M 2023 Financial Performance**









0.80

1.26

0.33

0.93

0.92

0.07

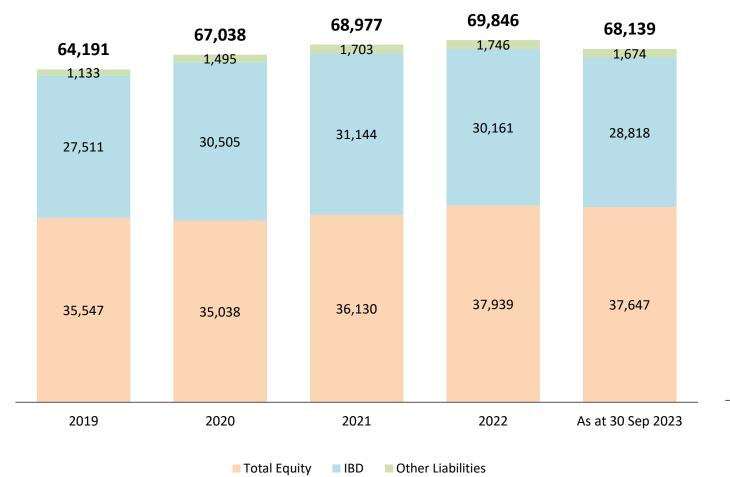
0.58

# **Consolidated Financial Position as at 30 September 2023**



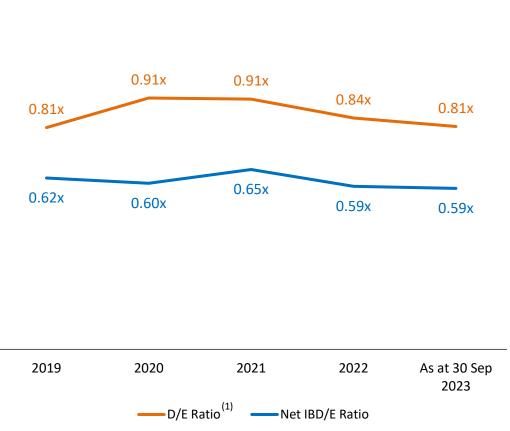
#### Financial Position Unit: Bt mn

Total Assets decreased mainly due to additional sponsor loan to XPCL, the debentures redemption, the Company's dividend payment and the decline in investments in associates during 9M 2023.



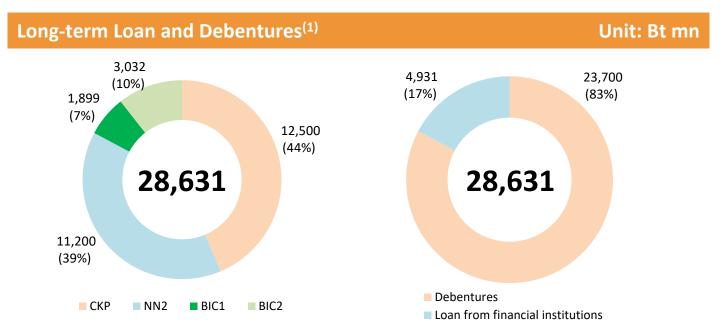
#### **Leverage Ratios**

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



# **Long-term Loan and Credit Ratings**





# TRIS Ratings CKPower Company Rating:

CKPower ENDLESS ENERGY	Company Rating: A / Stable	Issue Rating: A- / Stable
NAM NGUM 2 POWER	Company Rating:  A / Stable	Issue Rating:  A / Stable
XAYABURI POWER  YOUR SENSE OF ENERGY	Company Rating: A- / Stable	Issue Rating:  BBB+ / Stable

3.4370 $3.307$ $3.42%$ $3.53$	3.49%	3.23%	3.24%	3.42%	3.53
-------------------------------	-------	-------	-------	-------	------

2021

2022

As at 30 Sep 2023

#### **Investment & Capex Plan**

				Status		Bt mn			
New Inves	tment Bu	ıdget		2023			55	0	
LPCL Equit	LPCL Equity Investment 2023 – 2029 17,000								
4,000									
3,000									
2,000									
1,000									
	2023	2024	2025	2026	20:	27	2028	2029	

2020

**Average Cost of Debt** 

2019





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# **THANK YOU**

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