

## Our Portfolio

CLP's business spans every major segment of the energy value chain, including retail, transmission, distribution and a diversified portfolio of electricity generation assets. As of 31 December 2023, the Group's total generation and energy storage capacity<sup>1</sup> was 23,291MW in Hong Kong, Mainland China, Australia, India, Taiwan Region and Thailand, including 3,732MW of renewable energy capacity. The capacity and main business activities by market are detailed in tables below.

### Overview of generation and energy storage capacity by asset type<sup>1</sup>

Hong Kong		Mainland China		Australia		India		Taiwan Region and Thailand	
8,268MW		7,180MW		5,859MW		1,699MW		285MW	
Gas	3,850MW	Wind	1,209MW	Wind	595MW	Wind	586MW	Solar	21MW
Coal	4,108MW	Solar	402MW	Solar	294MW	Solar	125MW	Coal	264MW
Waste-to-energy	10MW	Hydro	489MW	Gas	1,915MW	Gas	328MW		
Others	300MW	Nuclear	2,685MW	Coal	2,910MW	Coal	660MW		
		Coal	1,777MW	Energy storage	145MW				
		Energy storage	618MW						

### Hong Kong

Assets and Services	Location	CLP's Equity Interest	Gross Capacity	CLP's Capacity (Equity / Long-term Purchase)
<b>Customer Services</b> Electricity and customer services for about <b>2.79 million customer accounts</b> in Kowloon, the New Territories and most of Hong Kong's outlying islands	Hong Kong	100%	-	-
<b>Transmission and Distribution</b> 556 km of 400kV lines, 1,659 km of 132kV lines, 22 km of 33kV lines and 14,683 km of 11kV lines 69,128 MVA transformers, 241 primary and 15,539 secondary substations in operation	Hong Kong	100%	-	-
<b>Gas</b> <b>Black Point Power Station</b> , one of the world's largest gas-fired combined-cycle power stations comprising of one 550MW unit and eight 337.5MW units. A new 600MW unit is under construction	Hong Kong	70%	3,850MW	3,850MW
<b>Coal</b> <b>Castle Peak Power Station</b> comprising three 350MW coal-fired units and four 677MW units. One other 350MW unit <sup>2</sup> is available for emergency use	Hong Kong	70%	4,108MW	4,108MW
<b>Others</b> <b>Hong Kong Branch Line</b> , comprising of a 20 km pipeline (including subsea portion of 19 km) and the associated gas launching and end stations, which transports natural gas from PipeChina's Second West-East Gas Pipeline in Shenzhen Dachan Island to Black Point Power Station	Hong Kong	40%	-	-
<b>Hong Kong LNG Terminal Limited</b> develops, owns and operates the offshore liquefied natural gas (LNG) terminal in Hong Kong to provide LNG regasification and related services to Castle Peak Power Company Limited and The Hongkong Electric Company, Limited	Hong Kong	49%	-	-
<b>Penny's Bay Power Station</b> , comprising three 100MW diesel-fired gas turbine units mainly for backup purposes	Hong Kong	70%	300MW	300MW
<b>West New Territories Landfill Gas Power Generation Project</b> , comprising of five 2MW units which make use of landfill gas from waste for power generation	Hong Kong	70%	10MW	10MW

### Mainland China

Assets and Services	Location	CLP's Equity Interest	Gross Capacity	CLP's Capacity (Equity / Long-term Purchase)
<b>Wind</b>				
<b>Nanao II Wind Farm</b>	Guangdong	25%	45MW	11MW
<b>Nanao III Wind Farm</b>	Guangdong	25%	15MW	4MW
<b>Bobai Wind Farm<sup>3</sup></b>	Guangxi	100%	150MW	150MW
<b>Sandu Wind Farm</b>	Guizhou	100%	99MW	99MW
<b>Changling II Wind Farm</b>	Jilin	45%	49.5MW	22MW
<b>Datong Wind Farm</b>	Jilin	49%	49.5MW	24MW
<b>Qian'an I Wind Farm</b>	Jilin	100%	49.5MW	49.5MW
<b>Qian'an II Wind Farm</b>	Jilin	100%	49.5MW	49.5MW
<b>Qian'an III Wind Farm</b>	Jilin	100%	100MW	100MW

Notes:

- Of projects in operation and under construction on an equity basis, in addition to long-term capacity and energy purchase arrangements. Minor discrepancies may result from rounding. Assets in the Hong Kong section are under the Scheme of Control Agreement (except Hong Kong Branch Line).
- Unit A1 of Castle Peak Power Station, with capacity of 350MW, was put in reserve to run only in emergency situation, after coming to the end of its asset life on 31 May 2022.
- Bobai Wind Farm commenced construction in July 2023.

## Mainland China (Cont'd)

Assets and Services	Location	CLP's Equity Interest	Gross Capacity	CLP's Capacity (Equity / Long-term Purchase)
Shuangliao I Wind Farm	Jilin	49%	49.3MW	24MW
Shuangliao II Wind Farm	Jilin	49%	49.5MW	24MW
CLP Laizhou I Wind Farm	Shandong	100%	49.5MW	49.5MW
CLP Laizhou II Wind Farm	Shandong	100%	49.5MW	49.5MW
Dongying Hekou Wind Farm	Shandong	49%	49.5MW	24MW
Huadian Laizhou I Wind Farm <sup>4</sup>	Shandong	45%	37.5MW	17MW
Laiwu I Wind Farm	Shandong	100%	49.5MW	49.5MW
Laiwu II Wind Farm	Shandong	100%	49.5MW	49.5MW
Laiwu III Wind Farm	Shandong	100%	50MW	50MW
Lijin I Wind Farm	Shandong	49%	49.5MW	24MW
Lijin II Wind Farm	Shandong	49%	49.5MW	24MW
Penglai I Wind Farm	Shandong	100%	48MW	48MW
Rongcheng I Wind Farm	Shandong	49%	48.8MW	24MW
Rongcheng II Wind Farm	Shandong	49%	49.5MW	24MW
Rongcheng III Wind Farm	Shandong	49%	49.5MW	24MW
Weihai I Wind Farm	Shandong	45%	19.5MW	9MW
Weihai II Wind Farm	Shandong	45%	49.5MW	22MW
Zhanhua I Wind Farm	Shandong	49%	49.5MW	24MW
Zhanhua II Wind Farm	Shandong	49%	49.5MW	24MW
Chongming Wind Farm	Shanghai	29%	48MW	14MW
Xundian I Wind Farm	Yunnan	100%	49.5MW	49.5MW
Xundian II Wind Farm <sup>5</sup>	Yunnan	100%	50MW	50MW
<b>Solar <sup>6</sup></b>				
Jinchang Solar Power Station	Gansu	100%	85MW	85MW
Meizhou Solar Power Station	Guangdong	100%	36.1MW	36.1MW
Huai'an Solar Power Station	Jiangsu	100%	12.8MW	12.8MW
Sihong Solar Power Station	Jiangsu	100%	93.4MW	93.4MW
Yangzhou Gongdao Solar Power Station <sup>7</sup>	Jiangsu	100%	74MW	74MW
Lingyuan Solar Power Station	Liaoning	100%	17MW	17MW <sup>1</sup>
Xicun I Solar Power Station	Yunnan	100%	42MW	42MW <sup>1</sup>
Xicun II Solar Power Station	Yunnan	100%	42MW	42MW
<b>Hydro</b>				
Huaiji Hydro Power Stations	Guangdong	84.9%	129MW	110MW
Jiangbian Hydropower Station	Sichuan	100%	330MW	330MW
Dali Yang'er Hydropower Station	Yunnan	100%	49.8MW	49.8MW
<b>Nuclear</b>				
Guangdong Daya Bay Nuclear Power Station, comprising two 984MW Pressurised Water Reactors. Through long-term capacity purchase, 70% of electricity generated is supplied to Hong Kong, with the remaining 30% sold to Guangdong Province <sup>8</sup>	Guangdong	25%	1,968MW	1,577MW
Yangjiang Nuclear Power Station, comprising six 1,086MW generating units	Guangdong	17%	6,516MW	1,108MW
<b>Coal <sup>9</sup></b>				
Beijing Yire Power Station <sup>10</sup>	Beijing	30%	-	-
Sanhe I and II Power Stations	Hebei	16.5%	1,330MW	219MW
Zhungeer II and III Power Stations	Inner Mongolia	19.5%	1,320MW	257MW
Suizhong I and II Power Stations	Liaoning	15%	3,760MW	564MW
Heze II Power Station	Shandong	29.4%	600MW	176MW
Liaocheng I Power Station	Shandong	29.4%	1,200MW	353MW
Panshan Power Station	Tianjin	19.5%	1,060MW	207MW

4 The gross capacity of Huadian Laizhou I project was reduced to 37.5MW from 40.5MW in 2023 following the decommissioning of two wind turbines.

5 Xundian II Wind Farm commenced commercial operation in March 2023.

6 Gross / CLP Equity MW of solar power projects are expressed on an alternating current (AC) basis unless specified otherwise.

7 Yangzhou Gongdao Solar Power Station commenced operation in October 2023.

8 Agreements have been reached to increase the proportion of energy supply to Hong Kong to slightly above 70% in 2014 and to about 80% from 2015 to 2023, with the remainder continuing to be sold to Guangdong Province. The agreement was renewed for a further five years between 2024 – 2028.

9 Shenmu Power Station ceased operation on 28 February 2018 and the joint venture company deregistered on 23 October 2023.

10 Beijing Yire Power Station ceased operation on 20 March 2015.

## Our Portfolio

### Mainland China (Cont'd)

Assets and Services	Location	CLP's Equity Interest	Gross Capacity	CLP's Capacity (Equity / Long-term Purchase)
<b>Energy Storage</b>				
Rights to use 50% of Phase I of <b>Guangzhou Pumped Storage Power Station</b> for serving CLP's Hong Kong business under a long-term capacity purchase agreement	Guangdong	-	1,200MW	600MW
Battery energy storage system co-located with Yangzhou Gongdao Solar Power Station	Jiangsu	100%	8MW	8MW
Battery energy storage system co-located with Qian'an III Wind Farm	Jilin	100%	5MW	5MW
Battery energy storage system co-located with Xundian II Wind Farm	Yunnan	100%	5MW	5MW
<b>Others</b>				
<b>CLP-TELD New Energy Technology (Guangdong) Ltd.</b>	Guangdong	60%	-	-
<b>Po Park Centralised Cooling System</b>	Guangdong	-	-	-
<b>Fangchenggang Incremental Distribution Network</b> <sup>11</sup>	Guangxi	22.05%	-	-

### Australia

Assets and Services	Location	CLP's Interest (Equity / Long-term Purchase)	Gross Capacity	CLP's Capacity (Equity / Long-term Purchase)
<b>Customer Services</b>				
Electricity and gas services for <b>2.44 million customer accounts</b>	New South Wales, Queensland, South Australia and Victoria	100%	-	-
<b>Wind</b>				
<b>Cathedral Rocks Wind Farm</b> <sup>12</sup>	South Australia	50%	62MW	31MW
<b>Renewable Energy Long-term Purchase</b> <sup>13,14</sup>				
<b>Boco Rock Wind Farm</b>	New South Wales	100%	113MW	113MW
<b>Bodangora Wind Farm</b>	New South Wales	60%	113MW	68MW
<b>Coleambally Solar Farm</b>	New South Wales	70%	150MW	105MW
<b>Gullen Range Wind Farm</b>	New South Wales	100%	166MW	166MW
<b>Manildra Solar Farm</b>	New South Wales	100%	46MW	46MW
<b>Taralga Wind Farm</b>	New South Wales	100%	107MW	107MW
<b>Ross River Solar Farm</b>	Queensland	80%	116MW	93MW
<b>Waterloo Wind Farm Stage 1</b>	South Australia	100%	111MW	111MW
<b>Gannawarra Solar Farm</b>	Victoria	100%	50MW	50MW
<b>Gas</b>				
<b>Tallawarra Gas-fired Power Station</b> <sup>15</sup> , including the new Tallawarra B plant	New South Wales	100%	740MW	740MW
<b>Hallett Gas-fired Power Station</b>	South Australia	100%	235MW	235MW
<b>Jeeralang Gas-fired Power Station</b>	Victoria	100%	440MW	440MW
<b>Newport Gas-fired Power Station</b>	Victoria	100%	500MW	500MW
<b>Coal</b>				
<b>Mount Piper Coal-fired Power Station</b>	New South Wales	100%	1,430MW	1,430MW
<b>Yallourn Coal-fired Power Station and Brown Coal Open-cut Mine</b>	Victoria	100%	1,480MW	1,480MW
<b>Energy Storage</b>				
Rights to charge and dispatch energy from the <b>Riverina Stage 2</b> and <b>Darlington Point</b> battery storage systems, which are capable of powering more than 49,000 homes for two hours of critical peak demand before being recharged <sup>16</sup>	New South Wales	100%	90MW / 180MWh	90MW / 180MWh
Rights to charge and dispatch energy from <b>Ballarat Battery Storage</b> which is capable of powering more than 20,000 homes for an hour of critical peak demand before being recharged	Victoria	100%	30MW / 30MWh	30MW / 30MWh
Rights to charge and dispatch energy from <b>Gannawarra Battery Storage</b> which is capable of powering more than 16,000 homes through two hours of peak demand before being recharged	Victoria	100%	25MW / 50MWh	25MW / 50MWh
<b>Others</b>				
<b>Pine Dale Black Coal Mine</b>	New South Wales	100%	-	-

11 The project company, of which TUS-CLP Smart Energy Technology Co. Ltd. is a shareholder, builds and operates an incremental distribution network (IDN) at Fangchenggang Hi-Tech Zone.

12 The gross capacity of Cathedral Rocks Wind Farm was reduced to 62MW from 64MW following fire damage to a wind turbine in January 2023.

13 Relates to long-term power purchase from wind and solar farms in which CLP has neither equity nor operational control.

14 EnergyAustralia's power purchase agreement on the Mortons Lane Wind Farm ended on 30 June 2023.

15 Tallawarra B plant, with generation capacity of 320MW, was officially opened in the first quarter of 2024.

16 EnergyAustralia took operational control of the Riverina Stage 2 and Darlington Point battery systems in New South Wales in September 2023 after the projects completed construction.

## India <sup>17</sup>

Assets and Services	Location	CLP's Equity Interest	Gross Capacity	CLP's Equity Capacity
<b>Wind</b>				
Mahidad Wind Farm	Gujarat	50%	50.4MW	25.2MW
Samana I Wind Farm	Gujarat	50%	50.4MW	25.2MW
Samana II Wind Farm	Gujarat	50%	50.4MW	25.2MW
Sidhpur Wind Farm <sup>18</sup>	Gujarat	50%	250.8MW	125.4MW
Harapanahalli Wind Farm	Karnataka	50%	39.6MW	19.8MW
Saundatti Wind Farm	Karnataka	50%	72MW	36MW
Chandgarh Wind Farm	Madhya Pradesh	50%	92MW	46MW
Andhra Lake Wind Farm	Maharashtra	50%	106.4MW	53.2MW
Jath Wind Farm	Maharashtra	50%	60MW	30MW
Khandke Wind Farm	Maharashtra	50%	50.4MW	25.2MW
Bhakrani Wind Farm	Rajasthan	50%	102.4MW	51.2MW
Sipla Wind Farm	Rajasthan	50%	50.4MW	25.2MW
Tejuva Wind Farm	Rajasthan	50%	100.8MW	50.4MW
Theni I Wind Farm	Tamil Nadu	50%	49.5MW	24.8MW
Theni II Wind Farm	Tamil Nadu	50%	48MW	24MW
<b>Solar <sup>6</sup></b>				
Gale Solar Farm	Maharashtra	50%	50MW	25MW
Tornado Solar Farm	Maharashtra	50%	20MW	10MW
Cleansolar Renewable Energy Private Limited	Telangana	50%	30MW	15MW
Divine Solren Private Limited	Telangana	50%	50MW	25MW
Veltoor Solar Farm	Telangana	50%	100MW	50MW
<b>Gas</b>				
Paguthan Power Station <sup>19</sup> , a combined-cycle gas-fired power plant designed to run on natural gas with naphtha as alternate fuel	Gujarat	50%	655MW	327.5MW
<b>Coal</b>				
Jhajar Power Station, comprising two 660MW supercritical coal-fired units	Haryana	50%	1,320MW	660MW
<b>Transmission</b>				
Kohima-Mariani Transmission Ltd., operator of a 254 km 400kV double circuit interstate transmission line in Northeast India, and owns a 400/220kV gas insulated switchgear substation at Kohima in the state of Nagaland	Assam, Manipur and Nagaland	37% <sup>20</sup>	-	-
Satpura Transco Private Ltd., operator of a 240 km 400kV double circuit intra-state transmission line	Madhya Pradesh	50%	-	-
Fatehgarh III Transmission Limited and Fatehgarh IV Transmission Limited, developers of a combined total of 252 km of 400kV double circuit interstate transmission lines and a 2,500 megavolt ampere (MVA) pooling substation in northwestern India, currently under construction	Rajasthan	50%	-	-
<b>Others</b>				
Advanced metering infrastructure project in Assam – covering around 700,000 smart meters	Assam	50%	-	-
Advanced metering infrastructure project in Gujarat – covering more than 2.3 million smart meters	Gujarat	50%	-	-

## Taiwan Region and Thailand

Assets and Services	Location	CLP's Equity Interest	Gross Capacity	CLP's Equity Capacity
<b>Solar <sup>6</sup></b>				
Lopburi Solar Farm	Thailand	33.3%	63MW	21MW
<b>Coal</b>				
Ho-Ping Power Station	Taiwan region	20%	1,320MW	264MW

17 CLP completed the divestment of an additional 10% equity in Apraava Energy in December 2022. Following the transaction, CLP and CDPQ each have 50% ownership of Apraava Energy.

18 Commissioning of the Sidhpur wind project began in phases starting from the second quarter of 2023.

19 Paguthan Power Station did not undertake any significant commercial generation in 2023.

20 Apraava Energy increased its ownership of Kohima-Mariani Transmission Ltd. to 74% after acquiring a further 25% stake in February 2023.