

# 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. The tables below detail the total generation and energy storage capacity<sup>1</sup> as well as business activities in each CLP market as of 31 December 2022.

| Hong Kong | Mainland China | Australia | India   | Southeast Asia and Taiwan | Total    |
|-----------|----------------|-----------|---------|---------------------------|----------|
| 8,268MW   | 7,029MW        | 5,786MW   | 1,700MW | 285MW                     | 23,068MW |

| 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>2.75 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>  |           |                       |                |  |
| 555 km of 400kV lines, 1,651 km of 132kV lines, 22 km of 33kV lines and 14,450 km of 11kV lines 68,343 MVA transformers, 240 primary and 15,413 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 LNG terminal in Hong Kong, currently under construction, 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>Nuclear</b>  |           |                       |                |  |
| <b>Guangdong Daya Bay Nuclear Power Station</b> , 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>3</sup> | Guangdong | 25%                   | 1,968MW        | 1,577MW                                      |
| <b>Yangjiang Nuclear Power Station</b> , comprising six 1,086MW generating units  | Guangdong | 17%                   | 6,516MW        | 1,108MW                                      |
| <b>Wind</b>   |           |                       |                |  |
| <b>Nanao II Wind Farm</b>   | Guangdong | 25%                   | 45MW           | 11MW   |
| <b>Nanao III Wind Farm</b>  | Guangdong | 25%                   | 15MW           | 4MW  |
| <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<sup>4</sup></b>  | Jilin     | 100%                  | 100MW          | 100MW  |
| <b>Shuangliao I Wind Farm</b>   | Jilin     | 49%                   | 49.3MW         | 24MW   |
| <b>Shuangliao II Wind Farm</b>  | Jilin     | 49%                   | 49.5MW         | 24MW   |
| <b>CLP Laizhou I Wind Farm</b>  | Shandong  | 100%                  | 49.5MW         | 49.5MW                                       |
| <b>CLP Laizhou II Wind Farm</b>   | Shandong  | 100%                  | 49.5MW         | 49.5MW                                       |
| <b>Dongying Hekou Wind Farm</b>   | Shandong  | 49%                   | 49.5MW         | 24MW   |
| <b>Huadian Laizhou I Wind Farm</b>  | Shandong  | 45%                   | 40.5MW         | 18MW   |
| <b>Laiwu I Wind Farm</b>  | Shandong  | 100%                  | 49.5MW         | 49.5MW                                       |
| <b>Laiwu II Wind Farm</b>   | Shandong  | 100%                  | 49.5MW         | 49.5MW                                       |
| <b>Laiwu III Wind Farm</b>  | Shandong  | 100%                  | 50MW           | 50MW   |

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.
- 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.
- 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 Qian'an III project commenced commercial operation in March 2022.

## Mainland China (Cont'd)

| Assets and Services   | Location       | CLP's Equity Interest | Gross Capacity | CLP's Capacity (Equity / Long-term Purchase) |
|---|----------------|-----------------------|----------------|--|
| 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>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>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%                  | 80MW           | 80MW   |
| 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>Coal</b>   |                |                       |                |  |
| Beijing Yire Power Station <sup>8</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  |
| Shenmu Power Station <sup>9</sup>   | Shaanxi        | 49%                   | -              | -  |
| 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  |
| <b>Energy Storage</b>   |                |                       |                |  |
| Rights to use 50% of Phase I of Guangzhou Pumped Storage Power Station 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 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>   |                |                       |                |  |
| Fangchenggang Incremental Distribution Network <sup>10</sup>  | Guangxi        | 22.05%                | -              | -  |
| Po Park Centralised Cooling System <sup>11</sup>  | Guangdong      | -                     | -              | -  |

5 Construction of Xundian II Wind Farm commenced in July 2022.

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

7 Preparation work for construction of Yangzhou Gongdao Power Station commenced in December 2022. The greenfield project was acquired by CLP in 2022 with registered capacity of 80MW.

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

9 Shenmu Power Station ceased operation on 28 February 2018.

10 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.

11 In 2021, CLP signed a contract to invest in and operate a centralised cooling system at Po Park Shopping Plaza in central Guangzhou until 2036.

| 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 2.46 million customer accounts   | New South Wales, Queensland, South Australia and Victoria | 100%   | -                     | -  |
| <b>Wind</b>   |   |  |                       |  |
| Cathedral Rocks Wind Farm   | South Australia   | 50%  | 64MW                  | 32MW   |
| <b>Gas</b>  |   |  |                       |  |
| Tallawarra Gas-fired Power Station <sup>12</sup> , including the Tallawarra B plant under construction  | New South Wales   | 100%   | 736MW                 | 736MW  |
| Hallett Gas-fired Power Station   | South Australia   | 100%   | 235MW                 | 235MW  |
| Jeeralang Gas-fired Power Station   | Victoria  | 100%   | 440MW                 | 440MW  |
| Newport Gas-fired Power Station   | Victoria  | 100%   | 500MW                 | 500MW  |
| <b>Coal</b>   |   |  |                       |  |
| Mount Piper Coal-fired Power Station  | New South Wales   | 100%   | 1,430MW <sup>13</sup> | 1,430MW <sup>13</sup>                        |
| Yallourn Coal-fired Power Station and Brown Coal Open-cut Mine  | Victoria  | 100%   | 1,480MW               | 1,480MW                                      |
| <b>Renewable Energy Long-term Purchase<sup>14</sup></b>   |   |  |                       |  |
| Boco Rock Wind Farm   | New South Wales   | 100%   | 113MW                 | 113MW  |
| Bodangora Wind Farm   | New South Wales   | 60%  | 113MW                 | 68MW   |
| Coleambally Solar Farm  | New South Wales   | 70%  | 150MW                 | 105MW  |
| Gullen Range Wind Farm  | New South Wales   | 100%   | 166MW                 | 166MW  |
| Manildra Solar Farm   | New South Wales   | 100%   | 46MW                  | 46MW   |
| Taralga Wind Farm   | New South Wales   | 100%   | 107MW                 | 107MW  |
| Ross River Solar Farm   | Queensland  | 80%  | 116MW                 | 93MW   |
| Waterloo Wind Farm Stage 1  | South Australia   | 100%   | 111MW                 | 111MW  |
| Gannawarra Solar Farm   | Victoria  | 100%   | 50MW                  | 50MW   |
| Mortons Lane Wind Farm  | Victoria  | 100%   | 20MW                  | 20MW   |
| <b>Energy Storage</b>   |   |  |                       |  |
| Rights to charge and dispatch energy from Ballarat Battery Storage which operates 24 / 7 and 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 Gannawarra Battery Storage 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>   |   |  |                       |  |
| Pine Dale Black Coal Mine   | New South Wales   | 100%   | -                     | -  |

| India <sup>15</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>16</sup> | Gujarat        | 50%                   | 251MW          | 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%                   | 49.5MW         | 24.8MW                |

12 Construction of the Tallawarra B plant, with capacity of 316MW, commenced in 2022 and is expected to be completed in time for the 2023 / 24 Australian summer.

13 Gross capacity at Mount Piper Power Station increased to 1,430MW in early 2021.

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

15 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.

16 Sidhpur Wind Project is expected to be commissioned by June 2023.

| India <sup>15</sup> (Cont'd)   |                             |                       |                |                       |
|--|-----------------------------|-----------------------|----------------|-----------------------|
| Assets and Services  | Location                    | CLP's Equity Interest | Gross Capacity | CLP's Equity Capacity |
| <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>17</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>  |                             |                       |                |                       |
| Satpura Transco Private Ltd., which runs a 240 km 400kV double circuit intra-state transmission line   | Madhya Pradesh              | 50%                   | -              | -                     |
| Kohima-Mariani Transmission Ltd. <sup>18</sup> , which runs 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, Nagaland and Manipur | 24.5%                 | -              | -                     |

| Southeast Asia & Taiwan  |          |                       |                |                       |
|--------------------------|----------|-----------------------|----------------|-----------------------|
| 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   | 20%                   | 1,320MW        | 264MW                 |

Figures include rounding adjustments.

17 Paguthan Power Station did not undertake any significant commercial generation in 2022.

18 Apraava Energy acquired a 49% interest in Kohima-Mariani Transmission Ltd. in December 2021.