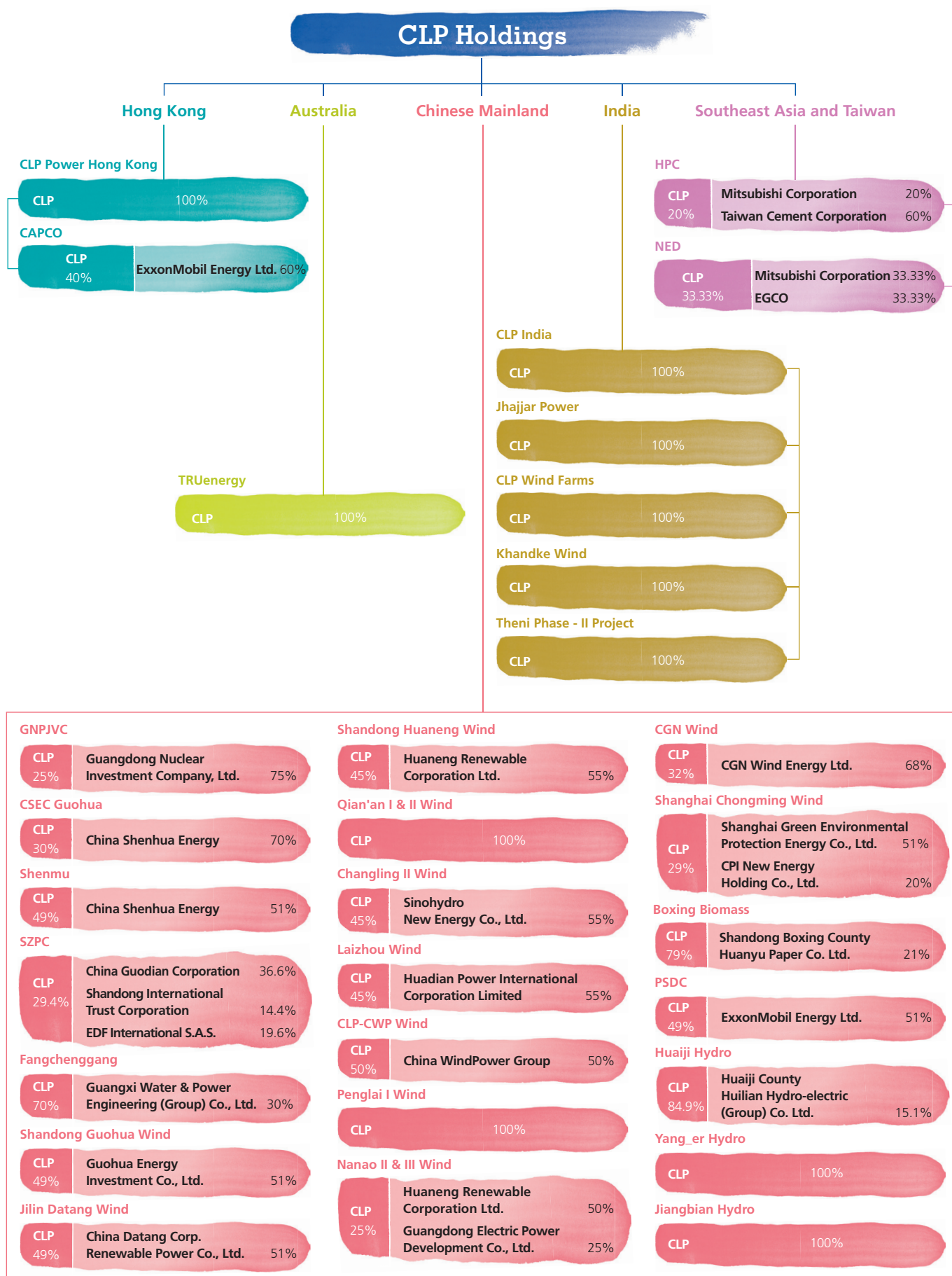


# CLP Group Structure and Partnerships

as at 31 December 2011



# Assets / Investments

as at 31 December 2011

## Chinese Mainland Investments Gross/Equity MW

1	Equity Interest 25%		<b>Guangdong Nuclear Power Joint Venture Company, Limited (GNPJVC) 1,968 / 492MW</b> GNPJVC constructed the Guangdong Daya Bay Nuclear Power Station (GNPS) at Daya Bay (大亞灣). GNPS is equipped with two 984MW Pressurised Water Reactors incorporating equipment from France and the United Kingdom. 70% of electricity generated is supplied to Hong Kong, with the remaining 30% sold to Guangdong Province (廣東省)
2	30%		<b>CSEC Guohua International Power Company Limited (CSEC Guohua) 7,650 / 1,333MW<sup>(1)</sup></b> Ownership interests in five coal-fired power stations: <ul style="list-style-type: none"><li>• 100% of Beijing Yire (400MW)</li><li>• 65% of Panshan in Tianjin (1,030MW)</li><li>• 55% of Sanhe I and II in Hebei (1,300MW)</li><li>• 50% of Suizhong I and Suizhong II in Liaoning (3,600MW)</li><li>• 65% of Zhungeer II and III in Inner Mongolia Autonomous Region (1,320MW)</li></ul>
3	49%		<b>CLP Guohua Shenmu Power Company Limited (Shenmu) 220 / 108MW</b> Owns and operates Shenmu Power Station in Shaanxi (220MW)
4	29.4%		<b>Shandong Zhonghua Power Company, Ltd. (SZPC) 3,060 / 900MW</b> Owns four coal-fired power stations in Shandong: <ul style="list-style-type: none"><li>• Shiheng I and II (1,260MW)</li><li>• Liaocheng I (1,200MW)</li><li>• Heze II (600MW)</li></ul>
5	70%		<b>CLP Guangxi Fangchenggang Power Company Limited (Fangchenggang) 1,260 / 882MW</b> Owns and operates two 630MW supercritical coal-fired units at Fangchenggang, Guangxi
6	49%		<b>Shandong Guohua Wind Joint Ventures (Shandong Guohua Wind) 445 / 218MW</b> Owns nine wind farms in Shandong: <ul style="list-style-type: none"><li>• Rongcheng I (48.8MW)</li><li>• Rongcheng II (49.5MW)</li><li>• Rongcheng III (49.5MW)</li><li>• Dongying Hekou (49.5MW)</li><li>• Lijin I (49.5MW)</li><li>• Lijin II (49.5MW)</li><li>• Zhanhua I (49.5MW)</li><li>• Zhanhua II (49.5MW)</li><li>• Haifang (49.5MW), under development</li></ul>
7	49%		<b>Jilin Datang Wind Joint Ventures (Jilin Datang Wind) 148 / 73MW</b> Owns three wind farms in Jilin: Datong (49.5MW), Shuangliao I (49.3MW) and Shuangliao II (49.5MW)
8	45%		<b>Shandong Huaneng Wind Joint Ventures (Shandong Huaneng Wind) 96 / 43MW</b> Owns three wind farms in Shandong: Changdao (27.2MW), Weihai I (19.5MW) and Weihai II (49.5MW)
9	100%		<b>Qian'an IW Power Company Limited (Qian'an I Wind) 50 / 50MW (Qian'an II Wind) 50 / 50MW</b> Owns and operates Qian'an I (49.5MW) and Qian'an II (49.5MW) wind farms in Jilin
10	45%		<b>Sinohydro CLP Wind Power Company Limited (Changling II Wind) 50 / 22MW</b> Owns Changling II wind farm (49.5MW) in Jilin
11	45%		<b>Huadian Laizhou Wind Power Company Limited (Laizhou Wind) 41 / 18MW</b> Owns Laizhou wind farm (40.5MW) in Shandong
12	50%		<b>CLP-CWP Wind Power Investment Limited (CLP-CWP Wind) 99 / 24MW<sup>(2)</sup></b> Owns two wind farms in Liaoning: 49% of Qujiagou (49.5MW) and 49% of Mazongshan (49.5MW)
13	100%		<b>CLP (Penglai) Wind Power Ltd. (Penglai I Wind) 48 / 48MW</b> Owns and operates Penglai I wind farm (48MW) in Shandong
14	32%		<b>CGN Wind Power Company Limited (CGN Wind) 2,142 / 569MW<sup>(3)</sup></b> Owns and operates 1,969MW of wind projects in various parts of China
15	25%		<b>Huaneng Shantou Wind Power Company Limited (Nanao II Wind) 45 / 11MW (Nanao III Wind) 15 / 4MW</b> Owns two wind farms in Guangdong: Nan'ao II (45MW) and Nan'ao III (15MW)
16	29%		<b>Shanghai Chongming Beiyuan Wind Power Generation Company Limited (Shanghai Chongming Wind) 48 / 14MW</b> Owns Chongming wind farm (48MW) in Shanghai, under construction

### Notes:

- (1) The 1,333 equity MW attributed to CLP, through its 30% equity interest in CSEC Guohua, takes into account that CSEC Guohua holds varying equity interests in the generating assets included in the 7,650 gross MW.
- (2) The 24 equity MW attributed to CLP, through its 50% equity interest in CLP-CWP Wind, takes into account that CLP-CWP Wind holds varying equity interests in the generating assets included in the 99 gross MW.
- (3) The 569 equity MW attributed to CLP, through its 32% equity interest in CGN Wind, takes into account that CGN Wind holds varying equity interests in the generating assets included in the 2,142 gross MW. CGN Wind is expected to undergo restructuring in the near future whereby its gross capacity under operation and construction will be reduced to 1,794MW, and in which CLP's equity stake will be diluted to about 15.75%, with corresponding equity capacity reduced to 232 equity MW.



## More than 20,000MW, 7 different energy sources...








17	49%		<b>Hong Kong Pumped Storage Development Company, Limited (PSDC) 1,200 / 600MW</b> PSDC may use half of the 1,200MW pumped storage capacity of Phase 1 of the Guangzhou Pumped Storage Power Station until 2034
18	84.9%		<b>Huaiji Hydropower Stations (Huaiji Hydro) 125 / 106MW</b> Owns and operates 12 small hydro power stations (125MW) in Guangdong
19	100%		<b>Dali Yang_er Hydropower Development Co., Ltd. (Yang_er Hydro) 50 / 50MW</b> Owns and operates Yang_er hydro power station (50MW) in Yunnan
20	100%		<b>CLP Sichuan (Jiangbian) Power Company Limited (Jiangbian Hydro) 330 / 330MW</b> Owns and operates Jiangbian hydro power station (330MW) in Sichuan
21	79%		<b>CLP Huanyu (Shandong) Biomass Heat and Power Company Limited (Boxing Biomass) Equivalent of 15 / 12MW</b> Owns and operates Boxing biomass combined heat and power plant (15MW + 75 tonnes/hour steam) in Shandong

# ...over 60 assets and investments – One Group



## Southeast Asia and Taiwan Investments Gross/Equity MW

- 22** **Equity Interest**  **Ho-Ping Power Company (HPC) 1,320 / 264MW**  
HPC owns the 1,320MW coal-fired Ho-Ping Power Station in Taiwan. CLP's 20% interest is held through OneEnergy Taiwan Ltd., a 50:50 project vehicle with Mitsubishi Corporation. Taiwan Cement Corporation owns the other 60% interest in HPC
- 23** **Equity Interest**  **Natural Energy Development Co., Ltd. (NED) 55 / 18MW**  
NED owns a 55MW solar farm under construction in Lopburi Province in Central Thailand. NED is a joint venture company with equal shareholding by CLP, Mitsubishi Corporation and EGCO




## India Investments Gross/Equity MW

- 24** **Equity Interest**  **CLP Wind Farms (Khandke) Private Limited (Khandke Wind) 50 / 50MW**  
**Khandke Wind** – 50.4MW project in Maharashtra. The project is fully commissioned
- 25** **Equity Interest**  **CLP India Private Limited (CLP India) 705 / 705MW**  
  - **GPEC Gas Plant** – 655MW combined-cycle gas-fired power plant in Gujarat. The plant is designed to run on natural gas and naphtha (backup) as fuel
  - **Samana Phase I Project** – 50.4MW project in Gujarat. The project is fully commissioned
- 26** **Equity Interest**  **CLP Wind Farms (India) Private Limited (CLP Wind Farms) 368 / 368MW**  
  - **Samana Phase II** (50.4MW) in Gujarat
  - **Saundatti** project (72MW) and **Harapanahalli** project (39.6MW) in Karnataka
  - **Andhra Lake** project (106.4MW) in Maharashtra
  - **Theni Phase I** project (49.5MW) in Tamil Nadu
  - **Sipla** project (50.4MW) under construction in Rajasthan
- 27** **Equity Interest**  **CLP Wind Farms (Theni – Project II) Private Limited (Theni Phase-II Project) 50 / 50MW**  
**Theni Phase II Project** – 49.5MW project in Tamil Nadu. The project is fully commissioned
- 28** **Equity Interest**  **Jhajjar Power Limited (Jhajjar Power) 1,320 / 1,320MW**  
**Jhajjar Power** – 1,320MW (2 x 660MW) coal-fired project, being constructed using supercritical technology at Jhajjar, Haryana. Both units are scheduled for commissioning in the first half of 2012

## Australia Investments Gross/Equity MW

- 29** **Equity Interest**  **TRUenergy 5,646 / 5,613MW**  
TRUenergy is an integrated generation and retail electricity and gas business in Victoria, South Australia (SA), NSW, Queensland and the Australian Capital Territory, comprising:  

  - **Yallourn** coal-fired power station 1,480MW
  - **Tallawarra** gas-fired power station 420MW
  - **Hallett** gas-fired power station 203MW
  - **Delta Western GenTrader** (Mount Piper and Wallerawang) off-take from coal-fired power stations 2,400MW
  - **Newport** and **Jeeralang** off-take from gas-fired plants 966MW
  - **Waterloo** wind farm 111MW
  - **Cathedral Rocks** (50%JV) wind farm 66MW
  - **Iona** Gas Storage facility and processing plant 22PJ
  - **Gunnedah Basin** 20% (>500PJ of equity coal seam gas)
  - Equity in **Queensland coal seam methane tenements**

## Hong Kong Investments

- 30** **Equity Interest**  **CLP Power Hong Kong Limited (CLP Power Hong Kong)<sup>(4)</sup>**  
CLP Power Hong Kong owns and operates the transmission and distribution system which includes:  
  - 555 km of 400kV lines, 1,531 km of 132kV lines, 27 km of 33kV lines and 11,809 km of 11kV lines
  - 59,454 MVA transformers and 213 primary and 13,361 secondary substations in operation
- 31** **Equity Interest**  **Castle Peak Power Company Limited (CAPCO)<sup>(4)</sup>, 6,908MW of installed generating capacity**  
CAPCO owns and CLP Power Hong Kong operates:  

  - **Black Point Power Station (2,500MW)**  
One of the world's largest gas-fired power stations comprising eight combined-cycle turbines of 312.5MW each
  - **Castle Peak Power Station (4,108MW)**  
Comprising four coal-fired units of 350MW each and another four units of 677MW each. Two of the 677MW units can use gas as backup fuel. All units can use oil as a backup fuel
  - **Penny's Bay Power Station (300MW)**  
Three diesel-fired gas turbine units of 100MW each

Note:

(4) CLP Power Hong Kong purchases its power from CAPCO, PSDC and Guangdong Daya Bay Nuclear Power Station. These sources of power amount to a total capacity of 8,888MW available to serve the Hong Kong electricity business.