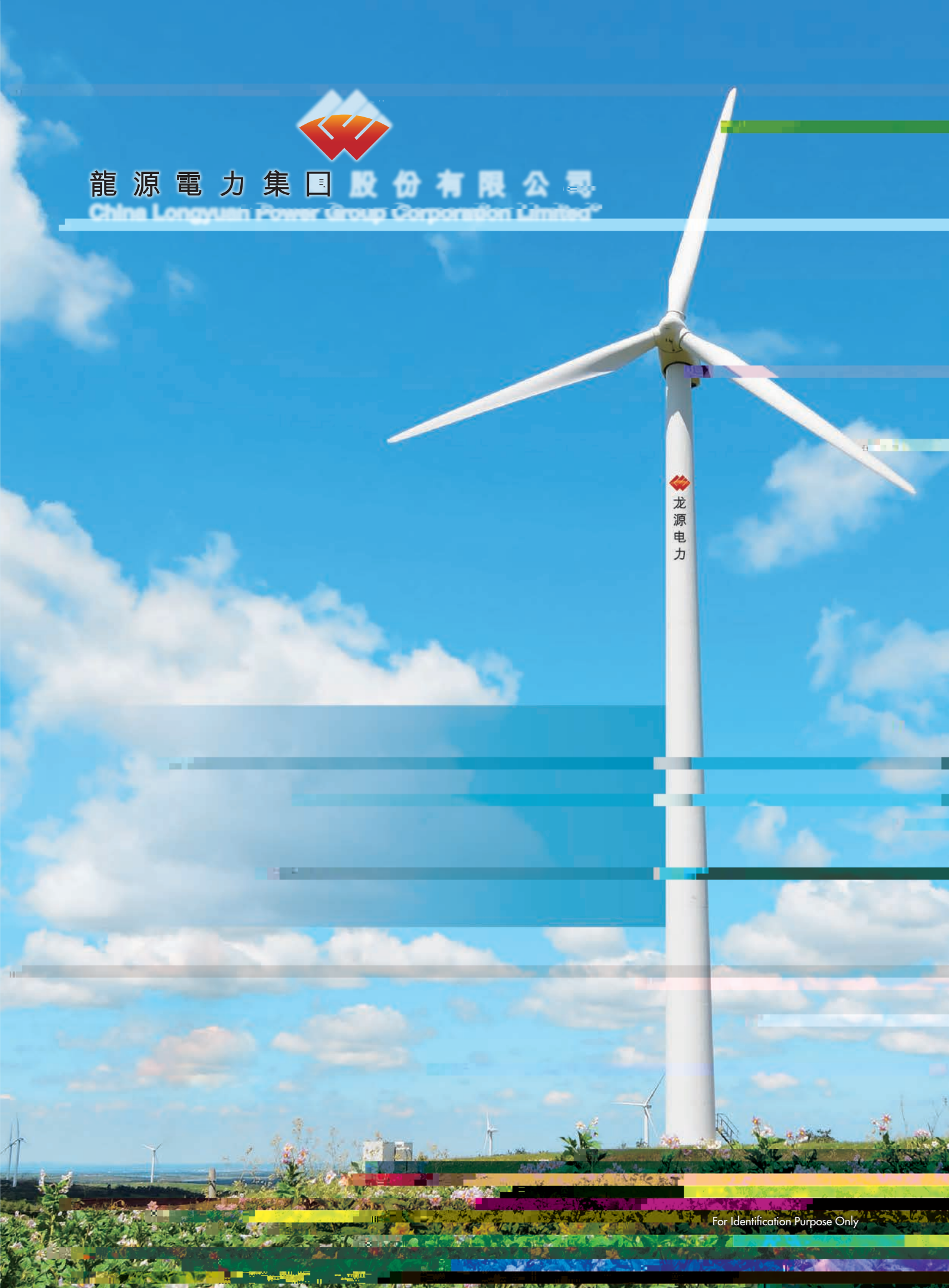



# 龍源電力集團股份有限公司

China Longyuan Power Group Corporation Limited*

For Identification Purpose Only

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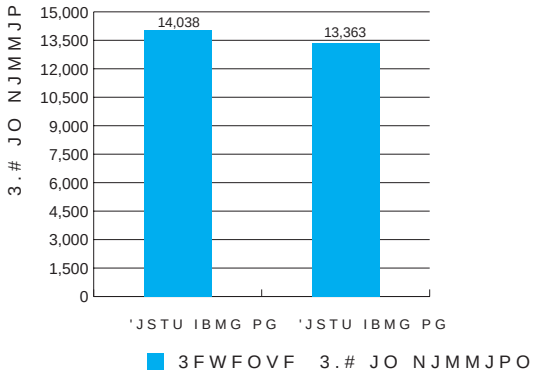
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The Board of China Longyuan Power Group Corporation Limited* hereby announced the unaudited operating results for the six months ended 30 June 2019 and a comparison with the operating results for the six months ended 30 June 2018 (the "corresponding period of 2018"). For the six months ended 30 June 2019, the Group recorded consolidated operating revenue of RMB14,038 million, representing an increase of 5.1% over RMB13,363 million for the corresponding period of 2018. Profit before taxation amounted to RMB4,384 million, representing an increase of 0.3% over RMB4,372 million for the corresponding period of 2018. Net profit attributable to equity holders of the Company amounted to RMB3,208 million, representing an increase of 0.5% from RMB3,193 million for the corresponding period of 2018. Earnings per share amounted to RMB0.3841, representing an increase of RMB0.0018 from RMB0.3823 for the corresponding period of 2018. As at 30 June 2019, net assets per share (excluding non-controlling interests) amounted to RMB6.42.

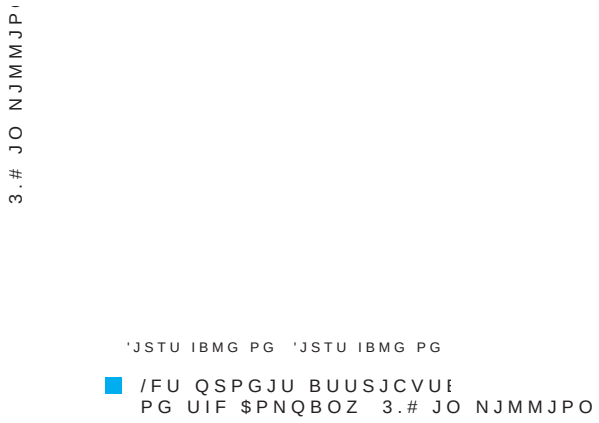
* *For identification purpose only*

# INTERIM RESULTS AND FINANCIAL DATA

## 1. Revenue




## 2. Net profit attributable to equity holders of the Company



| | For the six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Revenue | 14,037,658 | 13,362,888 |
| Profit before taxation | 4,384,148 | 4,372,194 |
| Income tax | (752,618) | (769,202) |
| Profit for the period | 3,631,530 | 3,602,992 |
| Attributable to: | | |
| Equity holders of the Company | 3,207,841 | 3,193,499 |
| Non-controlling interests | 423,689 | 409,493 |
| Total comprehensive income for the period | 3,765,480 | 3,316,535 |
| Attributable to: | | |
| Equity holders of the Company | 3,353,171 | 2,931,110 |
| Non-controlling interests | 412,309 | 385,425 |
| Basic and diluted earnings per share *(RMB cents)* | 38.41 | 38.23 |

| | 30 June 2019 *RMB'000* | 31 December 2018 *RMB'000* |
|---|---|---|
| Total non-current assets | 128,505,698 | 128,718,285 |
| Total current assets | 24,392,767 | 17,786,051 |
| Total assets | 152,898,465 | 146,504,336 |
| Total current liabilities | 39,883,240 | 39,780,268 |
| Total non-current liabilities | 53,975,974 | 50,158,275 |
| Total liabilities | 93,859,214 | 89,938,543 |
| Net assets | 59,039,251 | 56,565,793 |
| Gearing ratio *(note)* | 0.83 | 0.84 |
| Total equity attributable to the equity holders of the Company | 51,587,183 | 49,236,430 |
| Non-controlling interests | 7,452,068 | 7,329,363 |
| Total equity | 59,039,251 | 56,565,793 |
| Net assets per share *(RMB)* | 6.42 | 6.13 |

*Note:* Gearing ratio = total liabilities/(total assets – current liabilities)

(Unless otherwise specified, the following information disclosure was based on financial information prepared in accordance with IFRSs)

In the first half of 2019, international situation became complicated and severe, the Chinese macro economy faced growing pains of economic transformation, with interlacing old and new contradictions and a combination of cyclical and structural problems. Despite all this, China's gross domestic product (GDP) grew by 6.3% year on year, the value-added of the industrial enterprises above designated size across the country grew by 6.0% year on year, the national investment in fixed assets (excluding rural households) grew by 5.8% year on year and the total retail sales of consumer goods nationwide grew by 8.4% year on year. China's economy continued to operate within a reasonable range and sustained a development momentum of an overall steady growth during the first half of the year.

In the first half of the year, China's electricity supply and demand were roughly balanced on the whole, the growth in the power consumption across the country slowed down year on year. According to the statistics from China Electricity Council, power consumption across the country was 3,398 billion kWh, representing a year-on-year increase of 5.0%, 4.4 percentage points lower than that of the corresponding period of 2018. The power generation of above-the-scale power plants across the country amounted to 3,367.3 billion kWh, representing a year-on-year increase of 3.3%, 5.0 percentage points lower than that of the same period of 2018; of which wind power generation amounted to 214.5 billion kWh, representing a year-on-year increase of 11.5%. The cumulative average utilisation hours of power generation equipment across the country were 1,834 hours, representing a year-on-year decrease of 24 hours, of which the utilisation hours of grid-connected wind power equipment were 1,133 hours, down by 10 hours year on year. The installed capacity newly added through infrastructure construction across the country decreased year on year, and the growth in the power generation installed capacity continued to slow down. The power generation capacity newly added through infrastructure construction across the country amounted to 40.74 GW in the first half of the year, representing a year-on-year decrease of 11.37 GW, of which wind power accounted for 9.09 GW, representing a year-on-year increase of 1.56 GW. As of 30 June 2019, the installed capacity of power plants with capacity of 6,000 kW and above across the country amounted to 1,838.55 GW, representing a year-on-year increase of 5.7%, of which grid-connected capacity of wind power amounted to 192.69 GW, representing a year-on-year increase of 12.2%. The trans-regional and trans-provincial power transmission across the country grew rapidly. In the first half of the year, the trans-regional power transmission across the country was 224.3 billion kWh, representing a year-on-year increase of 11.2%. The total power transmission of all provinces across the country was 642.6 billion kWh, representing a year-on-year increase of 12.0%.

In 2019, China's wind power industry entered a new stage of development, with significant changes taking place in development landscape. The National Development and Reform Commission (" NDRC") and the National Energy Administration (" NEA") released a string of policies on grid parity, competitive allocation and furtherance of on-grid tariff, marking a new era of "fully competitive bidding, partial grid-parity" for newly approved projects (except for decentralized projects) and stipulating the timeline to cancel subsidies for approved onshore wind power projects.

In January 2019, the NDRC and the NEA jointly issued the Notice on Actively Promoting Work Concerning Subsidy-free Grid-Parity for Wind Power and Photovoltaic Power Projects (• ë õ = ª † , e e ˆ • ï e Ì þ h ; j c Þ ë ˆ * Y · ] ‘ ), proposing twelve requirements and supporting policy measures, including to carry out the construction of grid-parity projects and low-price grid pilot projects and to optimize the investment environment for grid-parity projects and low-price grid projects. The notice has set out "12 guidelines" aiming to put forth a non-mandatory plan to encourage grid parity or low-price grid projects during the transitional period of realizing the reduction and cancellation of subsidies and the grid parity for wind power and photovoltaic power projects in the next two years. In April 2019, the General Department of the NEA issued the Work Plan for Promoting the Development of Subsidy-free Grid-Parity Wind Power and Photovoltaic Power Projects (Exposure Draft) (• ë õ ª † , e e ˆ • ï e Ì þ h ; j c ° f £ Y ˆ * Ù é€ D Ë Ã •‘ ), which requires the relevant development and reform commissions of each province (region/city) with conditions to develop grid-parity wind power and photovoltaic power generation projects to submit the lists of the first batch of grid-parity wind power and photovoltaic power projects in 2019 before 25 April. On 20 May 2019, the NDRC and the NEA announced the lists for the first batch of grid-parity wind power and photovoltaic power projects in 2019, requiring priorities to be given to the development of these projects before commencement of competitive allocation of subsidized wind power projects by provincial-level energy authorities. On 28 May 2019, the NEA issued the Notice on the Issues Related to the Development of Wind Power and Photovoltaic Power Projects in 2019 (• ë õ2019 Ë , e e ˆ • ï e ° f £ Þ ë + ° Y · ] ‘ ) and simultaneously released the Work Plan for the Development of Wind Power Projects in 2019 (• 2019 Ë , e ° f £ ˆ * Ù é ‘ ), aiming to further regulate work requirements and management mechanisms for the development of wind power projects, give full play to the decisive role of the market in resource allocation, guide the competition in the wind power market and promote high-quality development of the industry by actively promoting the construction of grid parity projects, strictly standardizing competitive allocation process of subsidized projects, comprehensively implementing the capacities of power transmission and consumption and optimizing investment and business environment.



In May 2019, the NDRC issued the Notice on Improving the Wind Power On-grid Tariffs Policy, (• ë õ •  , e j c e  A  Y · ] ‘  ), adjusting tariffs of onshore and offshore wind power projects from benchmark on-grid tariffs to guidance prices which shall serve as the upper limit for enterprises' on-grid tariffs and provide the basis for competitive allocation of wind power projects. From 2019 onwards, the tariffs of newly approved concentrated onshore and offshore wind power projects determined through bidding process shall not be higher than guidance prices for the resource zones where the projects locate, which sets up a "ceiling" for competitive pricing in the wind power sector, i.e. guidance prices shall be the highest prices for future bidding for wind power projects. Each province shall take the guidance price of local wind power as the upper limit for on-grid tariffs of projects allocated through competitive bidding and not set up lower limit. The notice specifies that guidance prices of newly approved onshore wind power projects in Tier I-IV resource zones which are in line with relevant plans and included in the annual scale management of financial subsidies in 2019 are RMB0.34/kWh, RMB0.39/kWh, RMB0.43/kWh and RMB0.52/kWh (inclusive of tax), respectively. The guidance price of wind power in 2020 would be further adjusted downward, i.e. being RMB0.29/kWh, RMB0.34/kWh, RMB0.38/kWh and RMB0.47/kWh (inclusive of tax), respectively. Furthermore, the notice also stipulates that onshore wind power projects approved by the end of 2020 shall complete grid connection in accordance with the prescribed time, otherwise they would not be eligible to receive subsidies; and that grid parity will apply to all new onshore wind power projects from 2021 onwards. The guidance price of newly approved offshore wind power projects which are in line with relevant plans and included in the annual scale management of financial subsidies in 2019 is RMB0.8/kWh (inclusive of tax) and shall be adjusted to RMB0.75/kWh (inclusive of tax) in 2020. For offshore wind power projects having been approved by the end of 2018, if all generating units complete grid connection by the end of 2021, on-grid tariffs at the time of approval shall be adopted; and if all generating units complete grid connection in 2022 and thereafter, then the guidance prices at the year of grid connection shall be adopted.

While requiring grid parity and competitive allocation for wind power projects, the NDRC and the NEA also introduced a series of policies to guarantee the consumption of renewable energy and create conditions for grid parity and competitive allocation of wind power, further promoting the transformation of energy consumption structure.

In January 2019, the NDRC and the NEA jointly issued the Notice on Regulating the Management for Planning Prioritised Power Generation and Purchase (• ë õ • Í ´ ‹ ï e ´ ‹ ... e  Œ M #  Y · ] ‘  ), which indicates that prioritised power generation serves as an efficient way for the guaranteed purchase of wind power, solar energy and other clean energy, ensuring the safe operation of clean energy sources such as nuclear power and large hydropower plants at full base load, and facilitating the stable operation of regulated power supplies such as peak-shaving and frequency regulation, and formulated regulations on relevant matters in terms of the management for planning prioritised power generation and purchase. In April 2019, the NEA issued the Notice on Improving the Power Trading Mechanism Related to Wind Power Heating and Expanding the Application of Wind Power Heating (• ë õ •  , e 6 2 ´ ë e b t ø Ú S Ò } , e 6 2 Đ \ Y  · ] ‘  ), which points out that the market trading mechanism of wind power heating should be further improved and the application scope and scale of wind power heating should be expanded. In May 2019, the NDRC and the NEA jointly issued the Notice on Establishing and Improving the Guarantee Mechanism of Renewable Energy Power Consumption (• ë õ  m  Œ  Ž [  • U e b  v - æ Ú S Y · ] ‘  ), which proposes to set up responsibility weights of renewable energy power consumption for power consumption. Pursuant to the notice, the responsibility

Management quality was improved. Based on the power generation indicator, the Group developed key indicators such as generation difference rate, average number of faults, average downtime per failure and completion rate of regular inspection to create a multi-dimensional indicator evaluation system, promoted the assessment method of generation difference rate, and established an effective incentive mechanism for production personnel to stimulate their passion in production and management. In addition, the roles and responsibilities of operation and management of the Company, its subsidiaries and wind farms for the three-level monitoring system were further clarified, thus keeping the state of equipment controllable and under control, and ensuring accurate and timely troubleshooting and safe and effective operation. Moreover, the Group made solid progress in the refined management of equipment, and carried out in-depth the “year of equipment maintenance” activities. In particular, it emphasized rectification of equipment defects, tracked and supervise the rectification of key defects, and increased efforts on technical renovation and in tackling major technical challenges, achieving remarkable results in equipment maintenance.

The Group innovated its management mechanisms. Thanks to the improvement of grid curtailment management, a continuous decrease in the level of grid curtailment was seen. The Group strictly implemented dual controls on grid curtailment rate and quantity, further strengthened follow-up analysis on grid curtailment of subordinate units, and enhanced grid curtailment management in Xinjiang, Western Inner Mongolia, Gansu and other regions with high grid curtailment rate to prevent rebound risks. Meanwhile, the Group rationally sized up and capitalized on market conditions to increase market trading vol anle l far6.5 (r)0.5c (r)0.6 (a)0.elerketr inading ng ilidnadr6.5 (r)0.5 (id)0

Geographical breakdown of the consolidated gross power generation of the Group's wind farms for the first half of 2018 and the first half of 2019 is set out as below:

| Region | First half of 2019 *(MWh)* | First half of 2018 *(MWh)* | Percentage of change |
|---|---|---|---|
| Heilongjiang | 1,557,123 | 1,389,088 | 12.10% |
| Jilin | 609,017 | 469,610 | 29.69% |
| Liaoning | 1,314,843 | 1,359,244 | -3.27% |
| Inner Mongolia | 3,172,517 | 2,765,248 | 14.73% |
| Jiangsu (Onshore) | 1,096,951 | 1,411,555 | -22.29% |
| Jiangsu (Offshore) | 1,205,287 | 980,129 | 22.97% |
| Zhejiang | 163,438 | 182,888 | -10.63% |
| Fujian | 948,303 | 978,926 | -3.13% |
| Hainan | 45,620 | 60,412 | -24.49% |
| Gansu | 1,295,145 | 1,322,240 | -2.05% |
| Xinjiang | 1,793,243 | 1,603,680 | 11.82% |
| Hebei | 1,304,679 | 1,429,304 | -8.72% |
| Yunnan | 1,519,762 | 1,220,298 | 24.54% |
| Anhui | 674,601 | 876,649 | -23.05% |
| Shandong | 438,607 | 493,945 | -11.20% |
| Tianjin | 220,668 | 215,292 | 2.50% |
| Shanxi | 869,870 | 1,012,854 | -14.12% |
| Ningxia | 708,997 | 832,880 | -14.87% |
| Guizhou | 822,482 | 682,749 | 20.47% |
| Shaanxi | 388,945 | 389,389 | -0.11% |
| Tibet | 10,837 | 8,525 | 27.12% |
| Chongqing | 226,054 | 149,995 | 50.71% |
| Shanghai | 54,462 | 70,189 | -22.41% |
| Guangdong | 119,395 | 72,932 | 63.71% |
| Hunan | 114,315 | 72,237 | 58.25% |
| Guangxi | 155,691 | 132,613 | 17.40% |
| Jiangxi | 46,789 | 48,980 | -4.47% |
| Hubei | 54,371 | 62,042 | -12.36% |
| Canada | 150,585 | 145,945 | 3.18% |
| South Africa | 362,530 | 349,636 | 3.69% |
| Total | 21,445,127 | 20,789,474 | 3.15% |

Geographical breakdown of the average utilisation hours/load factor of wind power of the Group's wind farms for the first half of 2018 and the first half of 2019 is set out as below:

| Region | Average utilisation hours of wind power for the first half of 2019 *(hours)* | Average load factor of wind power for the first half of 2019 | Average utilisation hours of wind power for the first half of 2018 *(hours)* | Average load factor of wind power for the first half of 2018 | Percentage of change of the average utilisation hours of wind power |
|---|---|---|---|---|---|
| Heilongjiang | 1,263 | 29% | 1,125 | 26% | 12.27% |
| Jilin | 1,118 | 26% | 947 | 22% | 18.06% |
| Liaoning | 1,312 | 30% | 1,355 | 31% | -3.17% |
| Inner Mongolia | 1,199 | 28% | 1,069 | 25% | 12.16% |
| Jiangsu (Onshore) | 872 | 20% | 1,148 | 26% | -24.04% |
| Jiangsu (Offshore) | 1,357 | 31% | 1,656 | 38% | -18.06% |
| Zhejiang | 712 | 16% | 802 | 18% | -11.22% |
| Fujian | 1,315 | 30% | 1,451 | 33% | -9.37% |
| Hainan | 461 | 11% | 610 | 14% | -24.43% |
| Gansu | 1,004 | 23% | 1,025 | 24% | -2.05% |
| Xinjiang | 1,163 | 27% | 1,040 | 24% | 11.83% |
| Hebei | 1,113 | 26% | 1,222 | 28% | -8.92% |
| Yunnan | 1,975 | 45% | 1,586 | 37% | 24.53% |
| Anhui | 920 | 21% | 1,196 | 28% | -23.08% |
| Shandong | 1,183 | 27% | 1,332 | 31% | -11.19% |
| Tianjin | 1,137 | 26% | 1,212 | 28% | -6.19% |
| Shanxi | 990 | 23% | 1,221 | 28% | -18.92% |
| Ningxia | 977 | 22% | 1,149 | 26% | -14.97% |
| Guizhou | 1,281 | 29% | 1,064 | 25% | 20.39% |
| Shaanxi | 998 | 23% | 1,076 | 25% | -7.25% |
| Tibet | 1,445 | 33% | 1,137 | 26% | 27.09% |
| Chongqing | 1,076 | 25% | 1,000 | 23% | 7.60% |
| Shanghai | 1,147 | 26% | 1,478 | 34% | -22.40% |
| Guangdong | 1,274 | 29% | 1,115 | 26% | 14.26% |
| Hunan | 1,299 | 30% | 1,505 | 35% | -13.69% |
| Guangxi | 1,630 | 38% | 1,389 | 32% | 17.35% |
| Jiangxi | 1,170 | 27% | 1,224 | 28% | -4.41% |
| Hubei | 1,133 | 26% | 1,293 | 30% | -12.37% |
| Canada | 1,520 | 35% | 1,473 | 34% | 3.19% |
| South Africa | 1,483 | 34% | 1,430 | 33% | 3.71% |
| Total | 1,172 | 27% | 1,181 | 27% | -0.76% |



3. Accelerating project construction to cement foundation for achievement of the annual targets

In the first half of 2019, the Group embraced safe and steady project construction, further improved project quality management and enhanced cost management and control. The Group coordinated and settled problems identified in a timely manner and thereby ensured project quality through scientifically optimised design, strengthened supervision, emphasized supervising and manufacturing; effectively curbed project changes and strictly controlled the project costs within the scope of decision-making authority by regularly conducting overall analysis on cost, review on changes and the maximum price limit and other in-process controls. In addition, the Group standardised work concerning conservation of water and soil in the wind farms from the perspectives of design, bidding, construction and supervisory management, strictly implemented "three-simultaneousness" requirements for conservation of water and soil for projects under construction, and fully fulfilled the requirements of acceptance check and putting on record in relation to water conservation and environmental protection for projects already completed, aiming at comprehensively creating eco-friendly wind farms and achieving green and sustainable development.

In order to accelerate project construction effectively, and create favorable conditions for the satisfactory attainment of the annual construction targets, in the second quarter of the year, the Group responded proactively to the deployment of CHN Energy for the "100-day campaign for safe production" campaign and organised the "100-day campaign for project construction" activity. Meanwhile, the Group further improved the system enabling synergic advancement of projects and preliminary work to speed up the implementation of construction conditions for newly commenced projects and timely carried out project-related work including geological prospecting, map survey, road design, microsite selection etc., which initiated the work relating to forest and land expropriation in advance and sped up the project construction progress.

In the first half of 2019, the Group's new wind power projects with installed capacity of 90 MW commenced operation. As at 30 June 2019, the consolidated installed capacity of the Group was 21,134 MW, among which, the consolidated installed capacity of the wind power, coal power and other renewable energy segments were 19,009 MW, 1,875 MW and 250 MW, respectively.

Geographical breakdown of the consolidated installed capacity of the Group's wind farms as at 30 June 2018 and 30 June 2019 is set out as below:

| Region | As of 30 June 2019 *(MW)* | As of 30 June 2018 *(MW)* | Percentage of change |
|---|---|---|---|
| Heilongjiang | 1,234.7 | 1,234.7 | 0.00% |
| Jilin | 547.4 | 547.4 | 0.00% |
| Liaoning | 1,003.2 | 1,003.2 | 0.00% |
| Inner Mongolia | 2,635.8 | 2,635.8 | 0.00% |
| Jiangsu (onshore) | 1,338.5 | 1,248.5 | 7.21% |
| Jiangsu (offshore) | 1,180.3 | 980.3 | 20.40% |
| Zhejiang | 227.9 | 227.9 | 0.00% |
| Fujian | 865.1 | 717.1 | 20.64% |
| Hainan | 99.0 | 99.0 | 0.00% |
| Gansu | 1,289.8 | 1,289.8 | 0.00% |
| Xinjiang | 1,541.3 | 1,541.3 | 0.00% |
| Hebei | 1,170.1 | 1,170.1 | 0.00% |
| Yunnan | 769.5 | 769.5 | 0.00% |
| Anhui | 733.1 | 733.1 | 0.00% |
| Shandong | 393.4 | 393.4 | 0.00% |
| Tianjin | 194.0 | 194.0 | 0.00% |
| Shanxi | 879.0 | 829.5 | 5.97% |
| Ningxia | 724.7 | 724.7 | 0.00% |
| Guizhou | 691.5 | 641.5 | 7.79% |
| Shaanxi | 439.2 | 439.2 | 0.00% |
| Tibet | 7.5 | 7.5 | 0.00% |
| Chongqing | 209.5 | 209.5 | 0.00% |
| Shanghai | 47.5 | 47.5 | 0.00% |
| Guangdong | 101.74 | 75.74 | 34.33% |
| Hunan | 98.0 | 48.0 | 104.17% |
| Guangxi | 95.5 | 95.5 | 0.00% |
| Jiangxi | 100.0 | 100.0 | 0.00% |
| Hubei | 48.0 | 48.0 | 0.00% |
| Canada | 99.1 | 99.1 | 0.00% |
| South Africa | 244.5 | 244.5 | 0.00% |
| Total | 19,008.84 | 18,395.34 | 3.34% |

4. Participating in market transactions in a rational way and maintaining basically stable tariffs

In the first half of 2019, the average on-grid tariffs for overall power generation segments of the Group amounted to RMB457 per MWh (value-added tax (" VAT") exclusive), representing an increase of RMB2 per MWh as compared with RMB455 per MWh (VAT exclusive) in the corresponding period of 2018. The average on-grid tariffs for wind power amounted to RMB478 per MWh (VAT exclusive), about the same as compared with RMB478 per MWh (VAT exclusive) in the corresponding period of 2018, which was primarily due to the expanded scale of the market transactions of wind power and the decrease in VAT rate. The average on-grid tariffs for coal power amounted to RMB335 per MWh (VAT exclusive), representing a decrease of RMB1 per MWh as compared with the average on-grid tariffs for coal power of RMB336 per MWh (VAT exclusive) in the corresponding period of 2018, which was primarily due to the expanded scale of direct electricity supply transactions for major users of coal power and the decrease in VAT rate.

5. Carrying on with capital management and taking effective control of capital cost

In the first half of 2019, the liquidity in the capital market moderately eased as compared to that in the corresponding period last year. Capitalizing on the window of opportunity, the Group carried out swap and optimization of interest-bearing liabilities to exert effective control over capital cost. Thanks to its all-out efforts on expansion of financing channels, the Group organized the recruitment of bond underwriters twice, enhanced its competence in bond issuance, and successfully issued two tranches of mid-term notes, and three tranches of ultra-short-term debentures in the first half of the year. It also cemented its ties with major partners in the financial market to further replenish the credit facilities of the Company and ensure capital supply. The Group continued to deepen financing innovation and promoted innovative products such as recycling factoring, asset securitization and supply chain finance, revitalized existing receivable new energy subsidies. Short-term capital operations such as ultra-short-term loans and overdraft of corporate account were employed flexibly to reduce currency capital precipitation. It also improved refined capital operation and achieved the management and control of large-capital income and expenditure plans to full coverage at home and abroad to seek the time value of capital. The Group strengthened the management and control of capital risks and expanded the proportion of long-term financing to ensure the safety of the capital chain.

6. Boosting technical innovation steadily and leading the direction of industry development

In the first half of 2019, the Group made new phased achievements in respect of standards formulation and intellectual rights. It participated in the formation of 2 national standards for wind power and 11 industry standards for wind power, of which 5 industry standards including “Applied Technology Standards for Safety Belts/Safety Tools of Wind Power Generating Units” passed the review of Energy Industry Wind Power Operation and Standard Maintenance Committee, leading the development direction of the industry. The Group obtained 9 new patents including 1 invention patent and 8 utility model patents.

In the first half of 2019, the Group gained approval for and launched 14 technical projects, of which 7 projects including the “Research and Application of Key Technology for Intelligent Offshore Wind Farm” were approved by CHN Energy. The “Study on Wind Power Operation Big Data Analysis and Processing Technology”, a technical project of CHN Energy undertaken by the Company, obtained the acceptance successfully and delivered a number of achievements. The “Application and Verification of Wind Resource Appraisal and Wind Power Generating Unit Design for Wind Farms”, a national key special research project led and undertaken by the Company, passed the review of the Ministry of Science and Technology and was launched officially. The technical results of “Key Technology for Construction of Offshore Wind Farms under Complicated Geological Conditions” developed independently by the Company passed the authoritative verification of domestic academician-level experts and aligned with those at internationally leading standards.



7. Advancing overseas projects steadily and carrying out “Going Global” strategy proactively

In the first half of 2019, following the requirements of high-quality development, the Group strived for breakthroughs in respect of overseas business by optimising overseas layout and exerting greater efforts on preliminary work for and development of projects in countries covered by the “Belt and Road” Initiative. Positive progress was made in the Central and Eastern European market. In this regard, in addition to close follow-ups of the bidding for the 2019 wind power projects in Poland, the Group also further tapped the opportunities arising from the greenland wind power projects in Ukraine by proper utilization of the limited window period of fixed tariff, and obtained the right to develop the project. The Group has set up working teams to open up new markets in Vietnam, clarified development idea as well as sorted out the first-tier projects to carry out key cooperative development. The Group also conducted evaluation and measurement on a number of wind power and photovoltaic projects in the markets of such key countries as Australia, Bangladesh, Argentina and Egypt, laying the ground for forwarding future projects.

The Group strengthened management of in-service overseas projects and enhanced its capability in improvement of quality and efficiency. The Group’s companies in Canada and South Africa consolidated the production and operation mode and improved the responsibility management system to level up their management and production safety standards in full swing, resulting in striking effect in respect of production and operation. In the first half of 2019, Dufferin Wind Farm of the Group in Canada recorded total power generation of 151 GWh, representing a year-on-year increase of 3.18%; maintained safe production for a total of 1,672 days as at 30 June 2019. In the first half of 2019, the Group’s in De Aar Wind Farm in South Africa recorded total power generation of 363 GWh, representing a year-on-year increase of 3.69%; and maintained safe production for a total of 609 days as at 30 June 2019.

## II. RESULTS OF OPERATIONS AND ANALYSIS THEREOF

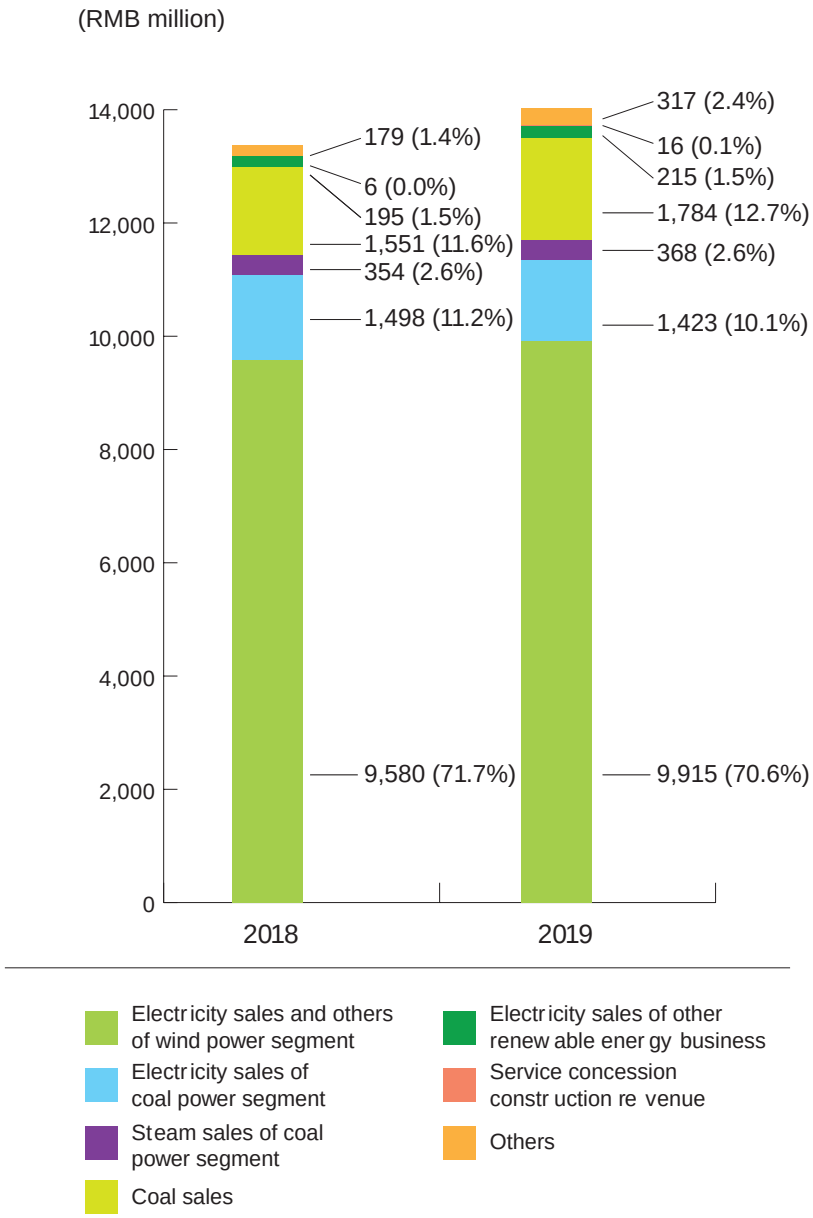
### Profit or loss and other comprehensive income

In the first half of 2019, the net profit of the Group amounted to RMB3,632 million, representing an increase of 0.8% as compared to RMB3,603 million in the corresponding period of 2018. Net profit attributable to equity holders of the Company amounted to RMB3,208 million, representing an increase of 0.5% as compared to RMB3,193 million in the corresponding period of 2018. Earnings per share amounted to RMB38.41 cents, representing an increase of RMB0.18 cent as compared to RMB38.23 cents in the corresponding period of 2018.

*Operating revenue*

Operating revenue of the Group amounted to RMB14,038 million in the first half of 2019, representing an increase of 5.1% as compared to RMB13,363 million in the corresponding period of 2018. The increase in operating revenue was primarily due to: (1) an increase of RMB335 million, or 3.5%, in electricity sales and other revenue of wind power segment to RMB9,915 million in the first half of 2019 as compared to RMB9,580 million in the corresponding period of 2018, which was primarily due to an increase in electricity sales of wind power segment in line with an increase in installed wind power capacity; (2) an increase of RMB233 million, or 15.0%, in revenue from coal sales of coal power segment to RMB1,784 million in the first half of 2019 as compared to RMB1,551 million in the corresponding period of 2018, which was primarily due to the increase in sales volume of coal; and (3) an increase of RMB20 million, or 10.3%, in revenue from electricity sales of other renewable energy segments to RMB215 million in the first half of 2019 as compared to RMB195 million in the corresponding period of 2018, which was primarily due to the increase in photovoltaic and biomass power generation.

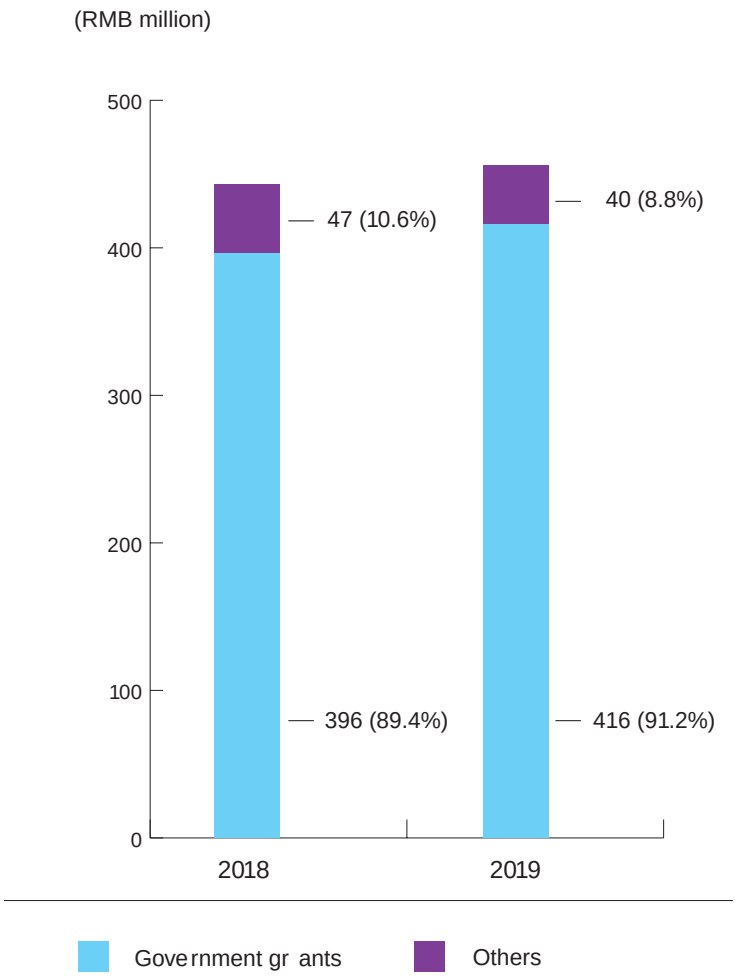
Operating revenue of each segment and their respective proportions are set out in the diagram below (for the six months ended 30 June):



*Other net income*

Other net income of the Group amounted to RMB456 million in the first half of 2019, representing an increase of 2.9% as compared with RMB443 million in the corresponding period of 2018, primarily due to the increase in the government grants.

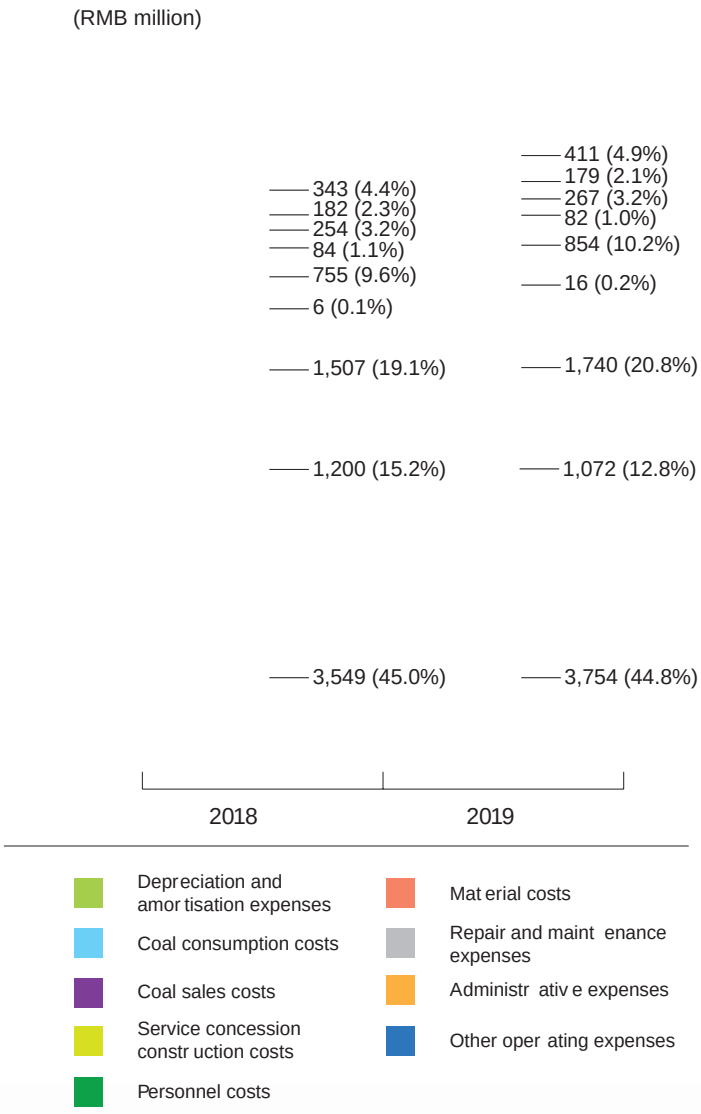
The breakdown of other net income items and their respective proportions are set out in the diagram below (for the six months ended 30 June):



*Operating expenses*

Operating expenses of the Group amounted to RMB8,377 million in the first half of 2019, representing an increase of 6.3% as compared to RMB7,882 million in the corresponding period of 2018, primarily due to: (1) increases in the depreciation and amortisation expenses in the wind power segment and the personnel costs; and (2) an increase in coal sales cost in the coal power segment.

Operating expenses items and their respective proportions are set out in the diagram below (for the six months ended 30 June):



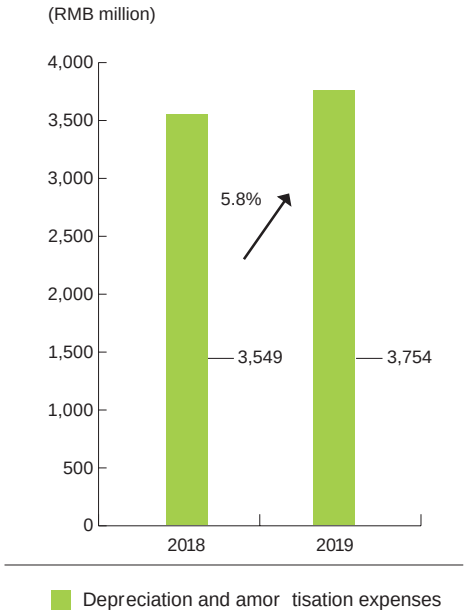
*Depreciation and amortisation expenses*

Depreciation and amortisation expenses of the Group amounted to RMB3,754 million in the first half of 2019, representing an increase of 5.8% as compared to RMB3,549 million in the corresponding period of 2018, primarily due to the increase of RMB203 million or 6.2% in depreciation and amortisation expenses in the wind power segment over the corresponding period of 2018 as a result of expansion in the installed capacity of wind power projects.

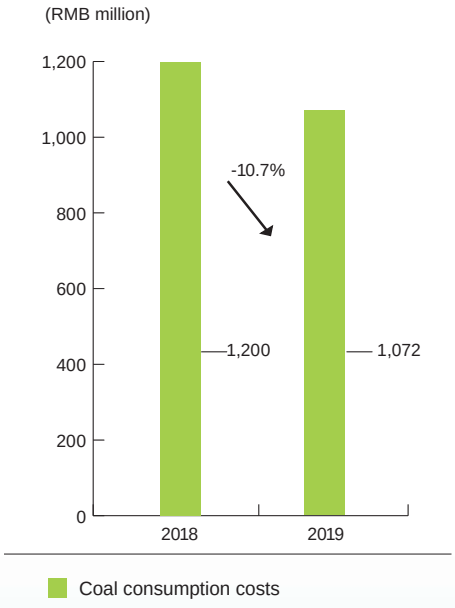
*Coal consumption costs*

Coal consumption costs of the Group amounted to RMB1,072 million in the first half of 2019, representing a decrease of 10.7% as compared to RMB1,200 million in the corresponding period of 2018, which was primarily due to: (1) a decrease of approximately 6.1% in the unit price of standard coal for power and steam generation as affected by the decrease in the coal price in the first half of 2019; and (2) a decrease of approximately 4.8% in the consumption of standard coal for power generation and heat supply as a result of the decrease in power generation.

Depreciation and amortisation expenses are set out in the diagram below (for the six months ended 30 June):



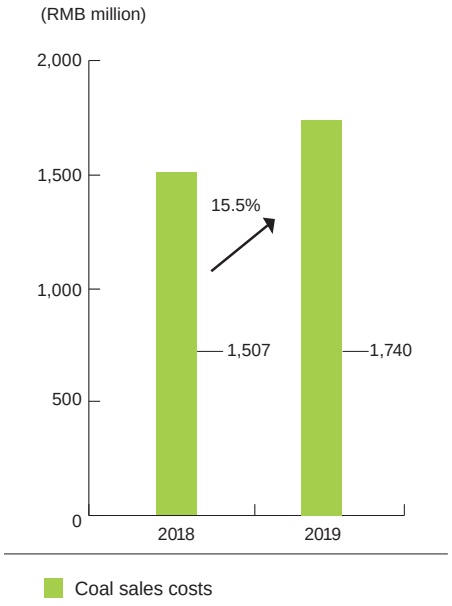

Coal consumption costs are set out in the diagram below (for the six months ended 30 June):



*Coal sales costs*

Coal sales costs of the Group in the first half of 2019 amounted to RMB1,740 million, representing an increase of 15.5% as compared to RMB1,507 million in the corresponding period of 2018, which was primarily due to an increase in approximately 31.3% in the sales volume of coal in the first half of 2019 as well as a decrease of approximately 9.3% in the average procurement price of coal.

Coal sales costs are set out in the diagram below (for the six months ended 30 June):

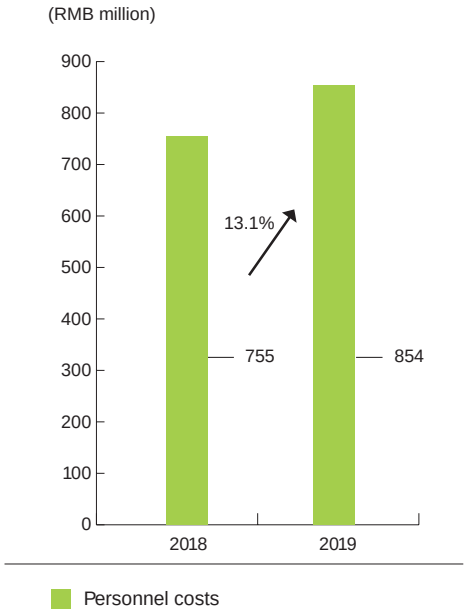



*Service concession construction co83conTJ 1_0 2 83.961*

*Personnel costs*

Personnel costs of the Group amounted to RMB854 million in the first half of 2019, representing an increase of 13.1% as compared to RMB755 million in the corresponding period of 2018, which was primarily due to: (1) an increase in headcounts as a result of expansion in the installed wind power capacity; (2) an increase in salary and benefits of staff; and (3) the fact that a portion of the personnel costs were expensed instead of being capitalised as more projects commenced operation.

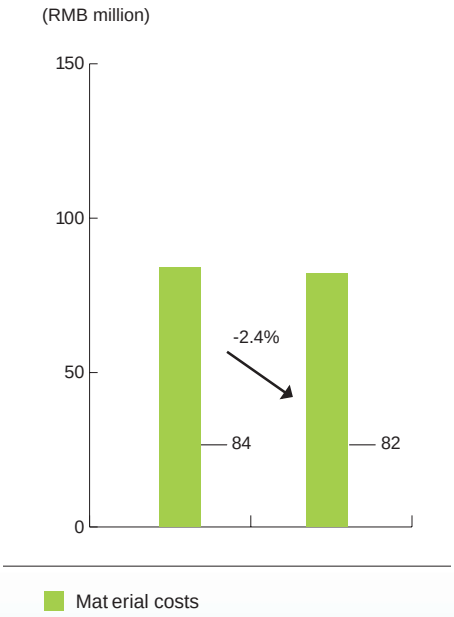
The personnel costs are set out in the diagram below (for the six months ended 30 June):




*Material costs*

Material costs of the Group amounted to RMB82 million in the first half of 2019, representing a decrease of 2.4% as compared to RMB84 million in the corresponding period of 2018, which was primarily due to a decrease in sales of spare parts of other segments.

Material costs are set out in the diagram below (for the six months ended 30 June):



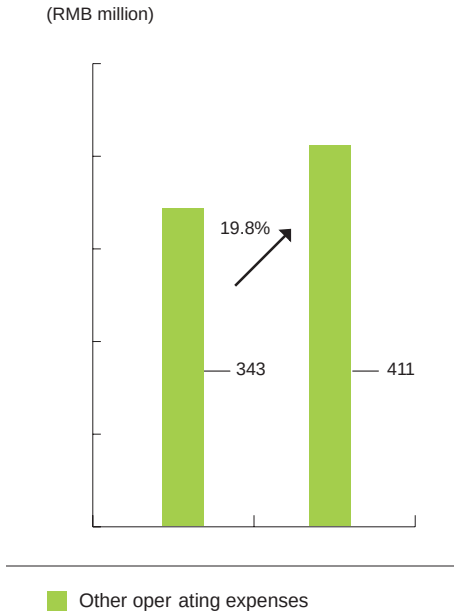
*Repair and maintenance expenses*

The repair and maintenance expenses of the Group amounted to RMB267 million in the first half of 2019, representing

*Other operating expenses*

Other operating expenses of the Group amounted to RMB411 million in the first half of 2019, representing an increase of 19.8% as compared to RMB343 million in the corresponding period of 2018, which was primarily due to an increase in the Engineering Procurement Construction ("EPC") costs arising from the provision of EPC services by other segments.

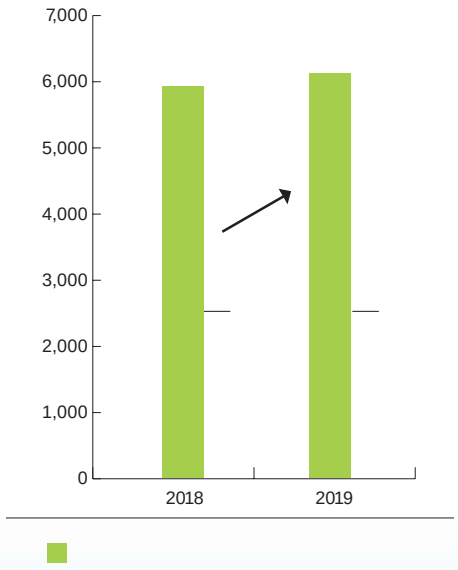
Other operating expenses are set out in the diagram below (for the six months ended 30 June):




*Operating profit*

In the first half of 2019, the operating profit of the Group amounted to RMB6,116 million, representing an increase of 3.2% as compared to RMB5,924 million in the corresponding period of 2018, which was primarily due to: (1) an increase in installed capacity in the wind power segment which leads to higher revenue and operating profits; and (2) an increase in the operating profit of the coal power segment as a result of lower coal consumption costs due to the decrease in coal price.

Operating profit is set out in the diagram below (for the six months ended 30 June):



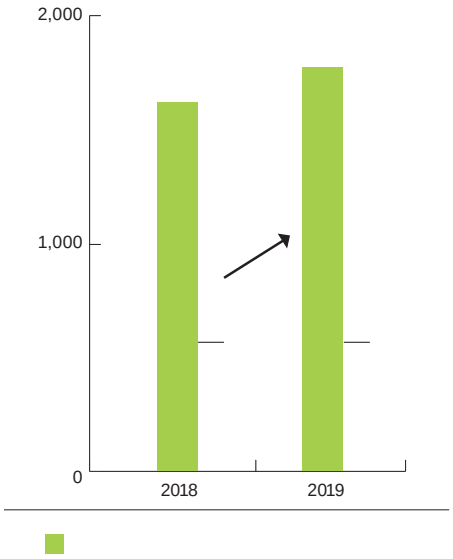
*Net finance expenses*

Net finance expenses of the Group amounted to RMB1,773 million in the first half of 2019, representing an increase of 9.3% as compared to RMB1,622 million in the corresponding period of 2018, which was primarily due to: (1) an increase of RMB83 million in loss from changes in fair value of the interest rate swap contracts as compared to the corresponding period of 2018; (2) an increase of RMB44 million in the unrealized loss recognized for trading securities held in the first half of 2019 as compared to the corresponding period of 2018; and (3) an increase of RMB10 million in the Group's net foreign exchange loss in the first half of 2019 as compared to the corresponding period of 2018.

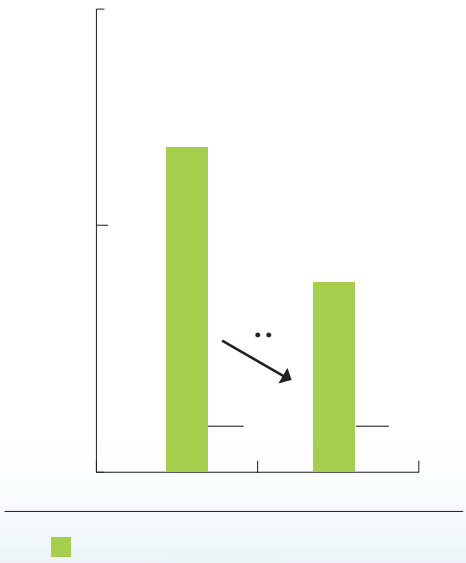
*Share of profits less losses of associates and joint ventures*

The Group's share of profits less losses of associates and joint ventures amounted to RMB41 million in the first half of 2019, representing a decrease of 41.4% as compared to RMB70 million in the corresponding period of 2018, which was primarily due to the year-on-year significant decline in the net profit of Guodian United Power Technology Co., Ltd. ( 7 e L ¥ b ¦ ” Þ " ® !) and Jiangsu Longyuan Zhenhua Marine Engineering Co., Ltd. ( ê = ² U È 6 q ˆ û Þ " ® !), both being associates, during the first half of 2019.

Net finance expenses are set out in the diagram below (for the six months ended 30 June):



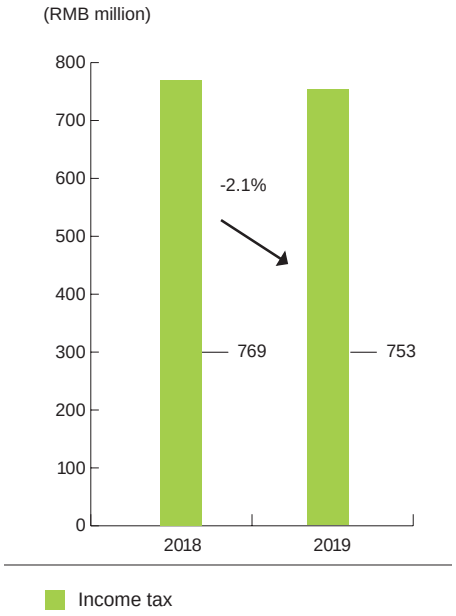

Share of profits less losses of associates and joint ventures is set out in the diagram below (for the six months ended 30 June):



*Income tax*

Income tax of the Group amounted to RMB753 million in the first half of 2019, representing a decrease of 2.1% as compared to RMB769 million in the corresponding period of 2018, which was primarily due to a decrease in the profits (inclusive of tax) of the wind power projects not entitled to tax exemption as compared to the corresponding period of 2018.

Income tax is set out in the diagram below (for the six months ended 30 June):

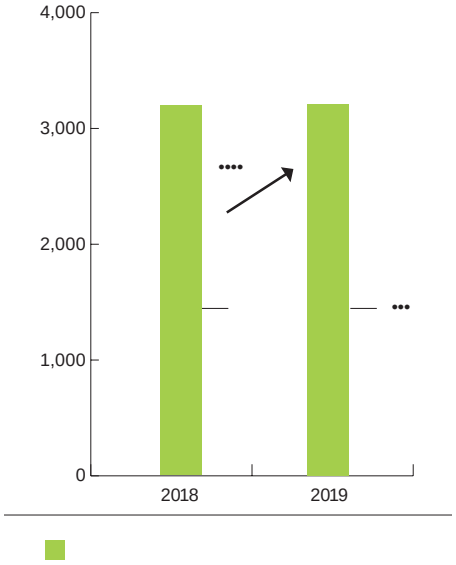



*Net profit*

*Net profit attributable to equity holders of the Company*

In the first half of 2019, net profit of the Group attributable to equity holders of the Company amounted to RMB3,208 million, representing an increase of 0.5% as compared to RMB3,193 million in the corresponding period of 2018, mainly attributable to the increase in net profit from the coal power and wind power segments.

Net profit attributable to equity holders of the Company is set out in the diagram below (for the six months ended 30 June):




Segment results of operations

*Wind power segment*

*Operating revenue*

In the first half of 2019, the operating revenue in the wind power segment of the Group amounted to RMB9,931 million, representing an increase of 3.6% from RMB9,586 million in the corresponding period of 2018, primarily due to the increase in electricity sales revenue derived from growing electricity sales in the wind power segment led by the increase in installed wind power capacity.

Operating revenue in the wind pow ( p)0.u segment and proportions are set out in the diagram below (for the six months ended 30 June):

(RMB million)

Revenue fr om electr icity sales

Service concession constr uction re venue

*Operating profit*

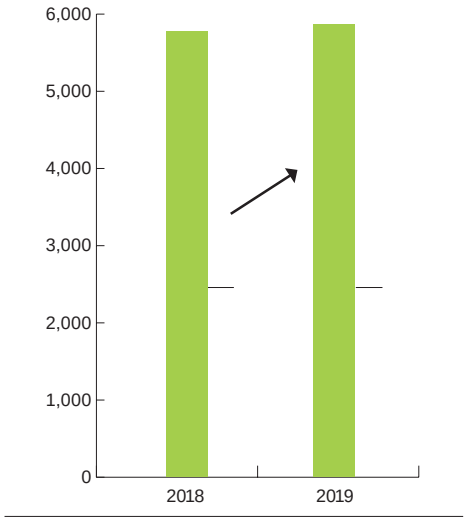
In the first half of 2019, the operating profit in the wind power segment of the Group amounted to RMB5,867 million, representing an increase of 1.5% from RMB5,778 million in the corresponding period of 2018, which was mainly attributable to the increase in revenue from electricity sales in the wind power segment. The growth of operating profit was lower than that of the revenue from electricity sales in the wind power segment, which was primarily due to the fact that the growth of revenue from electricity sales was lower than that of the costs of electricity sales as a result of the decrease in average utilisation hours of power equipment in the first half of 2019.

*Coal power segment*

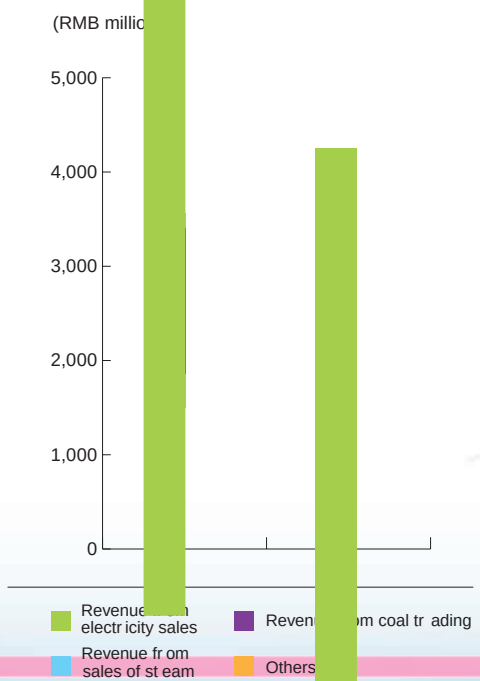
*Operating revenue*

In the first half of 2019, operating revenue of the coal power segment of the Group amounted to RMB3,753 million, representing an increase of 5.5% as compared to RMB3,558 million in the corresponding period of 2018, primarily due to: (1) a year-on-year increase of RMB233 million in revenue from coal sales as a result of the increase in coal sales; and (2) a year-on-year decrease of RMB75 million in revenue from electricity sales as affected by the decrease in coal power generation.

Operating profit in the wind power segment is set out in the diagram below (for the six months ended 30 June):



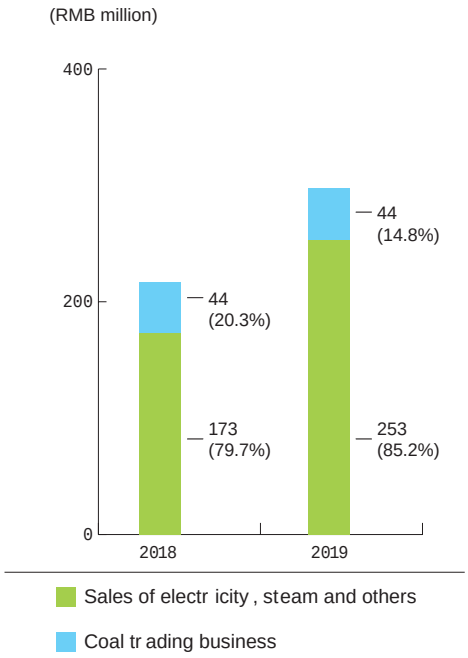

Operating revenue of the coal power segment and its proportions are set out in the diagram below (for the six months ended 30 June):



*Operating profit*

In the first half of 2019, operating profit of coal power segment of the Group amounted to RMB297 million, representing an increase of 36.9% as compared to RMB217 million in the corresponding period of 2018, which was mainly attributable to a year-on-year increase in the gross margin of electricity and steam sales businesses due to the decline in coal price.

Operating profit of the coal power segment and proportions are set out in the diagram below (for the six months ended 30 June):




*Other segments*

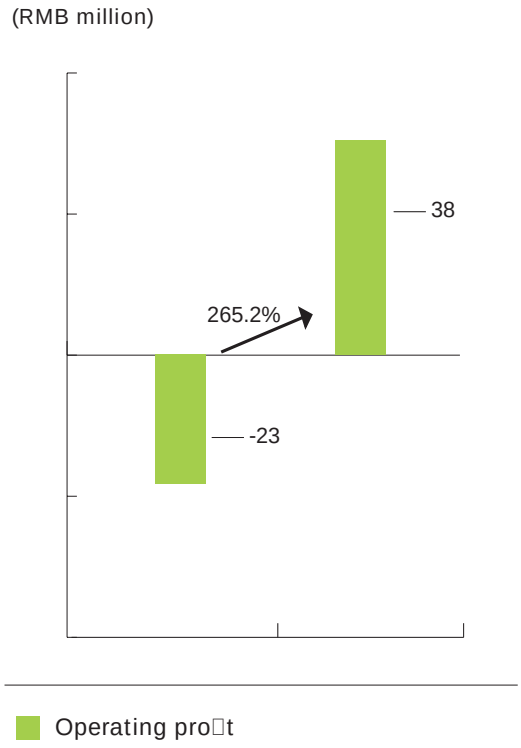
*Operating revenue*

In the first half of 2019, the operating revenue of other segments of the Group amounted to RMB619 million, representing an increase of 95.3% as compared to RMB317 million in the corresponding period of 2018, which was mainly attributable to: (1) a year-on-year increase of r..up in.. ease of rofrom

*Operating profit*

In the first half of 2019, the operating profit of other segments of the Group amounted to RMB38 million, representing an increase of 265.2% as compared to RMB-23 million in the corresponding period of 2018, which was mainly attributable to (1) increases in revenue from consulting and design services and revenue from EPC in other segments; and (2) an increase in revenue from electricity sales of the photovoltaic and biomass business.

Operating profit of other segments is set out in the diagram below (for the six months ended 30 June):




## Assets and liabilities

As at 30 June 2019, total assets of the Group amounted to RMB152,898 million, representing an increase of RMB6,394 million as compared with total assets of RMB146,504 million as at 31 December 2018. This was primarily due to: (1) an increase of RMB6,607 million in current assets including trade and bills receivables; and (2) a decrease of RMB213 million in non-current assets including property, plant and equipment.

As at 30 June 2019, total liabilities of the Group amounted to RMB93,859 million, representing an increase of RMB3,920 million as compared to total liabilities of RMB89,939 million as at 31 December 2018. This was primarily due to (1) an increase of RMB3,817 million in non-current liabilities including long-term borrowings; and (2) an increase of RMB103 million in current liabilities including short-term borrowings.

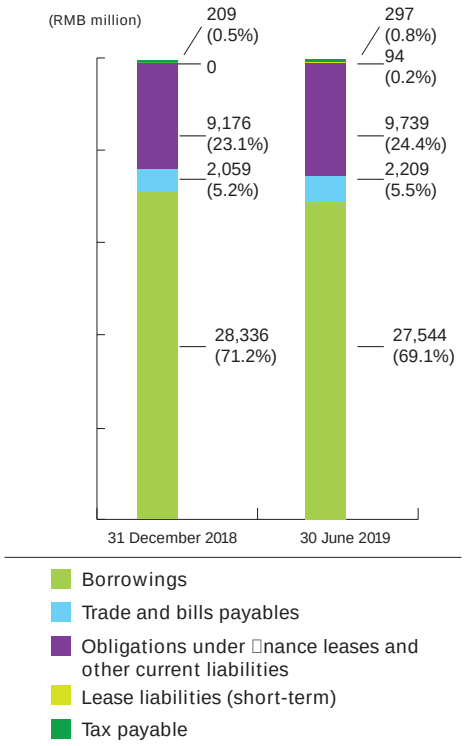
As at 30 June 2019, equity attributable to equity holders of the Company amounted to RMB51,587 million, representing an increase of RMB2,351 million as compared with RMB49,236 million as at 31 December 2018, which was mainly income from normal earnings in the period.

Details of assets, liabilities and equity are set out in the diagrams below:



As at 30 June 2019, current liabilities of the Group amounted to RMB39,883 million, representing an increase of RMB103 million as compared with RMB39,780 million as at 31 December 2018.

Current liabilities by item and proportions are set out in the diagram below:



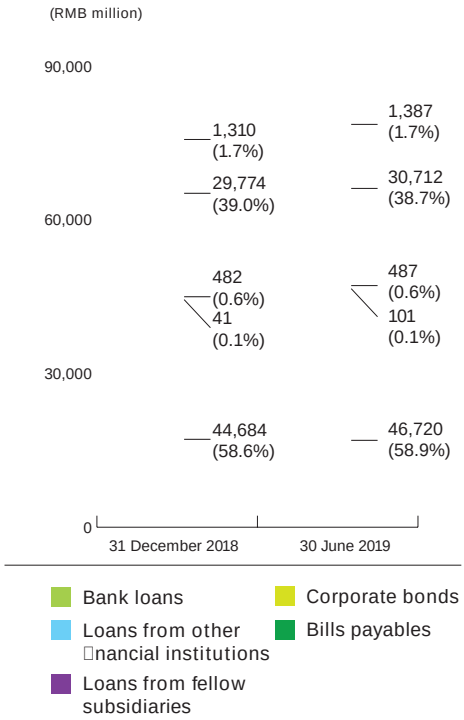

As at 30 June 2019, net current liabilities of the Group amounted to RMB15,490 million, representing a decrease of RMB6,504 million as compared with RMB21,994 million as at 31 December 2018. The liquidity ratio was 0.61 as at 30 June 2019, representing an increase of 0.16 as compared with the liquidity ratio of 0.45 as at 31 December 2018, which was mainly attributable to the increase in trade receivables.

Restricted deposits amounted to RMB168 million, which mainly represent monetary funds deposited in the custodial account opened by the Group which can only be transferred to a trust account or be used for repaying bank loans.

*Borrowings and bills payables*

As at 30 June 2019, the Group's balance of the borrowings and bills payables amounted to RMB79,407 million, representing an increase of RMB3,116 million as compared with the balance of the borrowings and bills payables of RMB76,291 million as at 31 December 2018. As at 30 June 2019, the Group's outstanding borrowings and bills included short-term borrowings and bills payables of RMB28,930 million (including long-term borrowings due within one year of RMB4,742 million and bills payables of RMB1,387 million) and long-term borrowings amounting to RMB50,477 million (including debentures payables, of RMB24,299 million). The abovementioned borrowings included borrowings denominated in Renminbi of RMB72,585 million, borrowings denominated in U.S. dollars of RMB2,566 million and borrowings denominated in other foreign currencies of RMB2,869 million. As at 30 June 2019, the long-term liabilities with fixed interest rates of the Group included long-term borrowings with fixed interest rates of RMB272 million and corporate bonds with fixed interest rates of RMB24,299 million. As at 30 June 2019, the balance of bills payables issued by the Group amounted to RMB1,387 million.

Borrowings and bills payables by category and proportions are set out in the diagram below:



Borrowings and bills payables by term and proportions are set out in the diagram below:



## Net gearing ratio

As at 30 June 2019, the net gearing ratio of the Group, which is calculated by dividing net debt (the sum of total borrowings and obligations under finance leases less cash and cash equivalents) by the sum of net debt and total equity, was 56.40%, representing an increase of 0.22 percentage point from 56.18% as at 31 December 2018. This was primarily due to the increase in debts being slightly higher than the increase in total equity during the first half of 2019.

## Major investments

The Group made no major investment in the first half of 2019.

## Material acquisitions and disposals

The Group did not have any material acquisitions and disposals in the first half of 2019.

## Pledged assets

As at 30 June 2019, loans amounted to RMB15,101 million are secured by tariff collection rights and equipment with net carrying amount of RMB2,629 million.

## Contingent liabilities/Guarantees

As at 30 June 2019, the Group provided a guarantee of RMB125 million for bank loans of associates, and issued a counter-guarantee of no more than RMB19 million to the controlling shareholder of an associate. As at 30 June 2019, the bank loan balance for which the Group provided the counter-guarantee amounted to RMB9 million.

## Cash flow analysis

As at 30 June 2019, cash and cash equivalents held by the Group amounted to RMB2,047

The net cash inflow from financing activities of the Group was RMB1,316 million in the first half of 2019. The cash inflow from financing activities was mainly generated from the proceeds from the issuance of bonds and bank loans. The cash outflow from financing activities was primarily used for the repayment of borrowings and payments of interest of borrowings.

### Risk in currency exchange rate

The business of the Group is mainly situated in mainland China where most of its revenue as well as expenses are denominated in Renminbi. Meanwhile, a small portion of the Group's investments carried out abroad and a small amount of its loans are denominated in foreign currencies. Therefore, fluctuations of the Group in Renminbi exchange rate will result in foreign exchange losses or gains of the Group in those transactions. The Group always pays high attention to monitoring and research of the risk in the foreign exchange rate, keeps close contact with domestic and international financial institutions in terms of businesses relating to exchange rate and effectively carries out protection measures for currency exchange rate. Meanwhile, it designs appropriate means to use foreign currencies and adopts various approaches to improve risk management of the currency exchange rate.

## III. PROSPECT FOR THE SECOND HALF OF 2019

In the second half of 2019, the Group will thoroughly study Xi Jinping's Thought on Socialism with Chinese Characteristics for a New Era, firmly adhere to the working general principle of seeking progress while maintaining stability, and earnestly implement the new energy security strategy of "Four Revolutions, One Cooperation ( , H ' v d S H ¥ *)"as well as CHN Energy's development strategy of "Three Types, Five Variations and Seven First-classes ( g è ž ·,  V H S t)". The Group will strive to advance various tasks in pursuit of the goal of developing into a world-class new energy company.

In the second half of 2019, the Group will focus on the following five areas of works:

### (I) Emphasizing the political work of the Party and launching educational activities on the theme of staying true to the founding mission of the Party

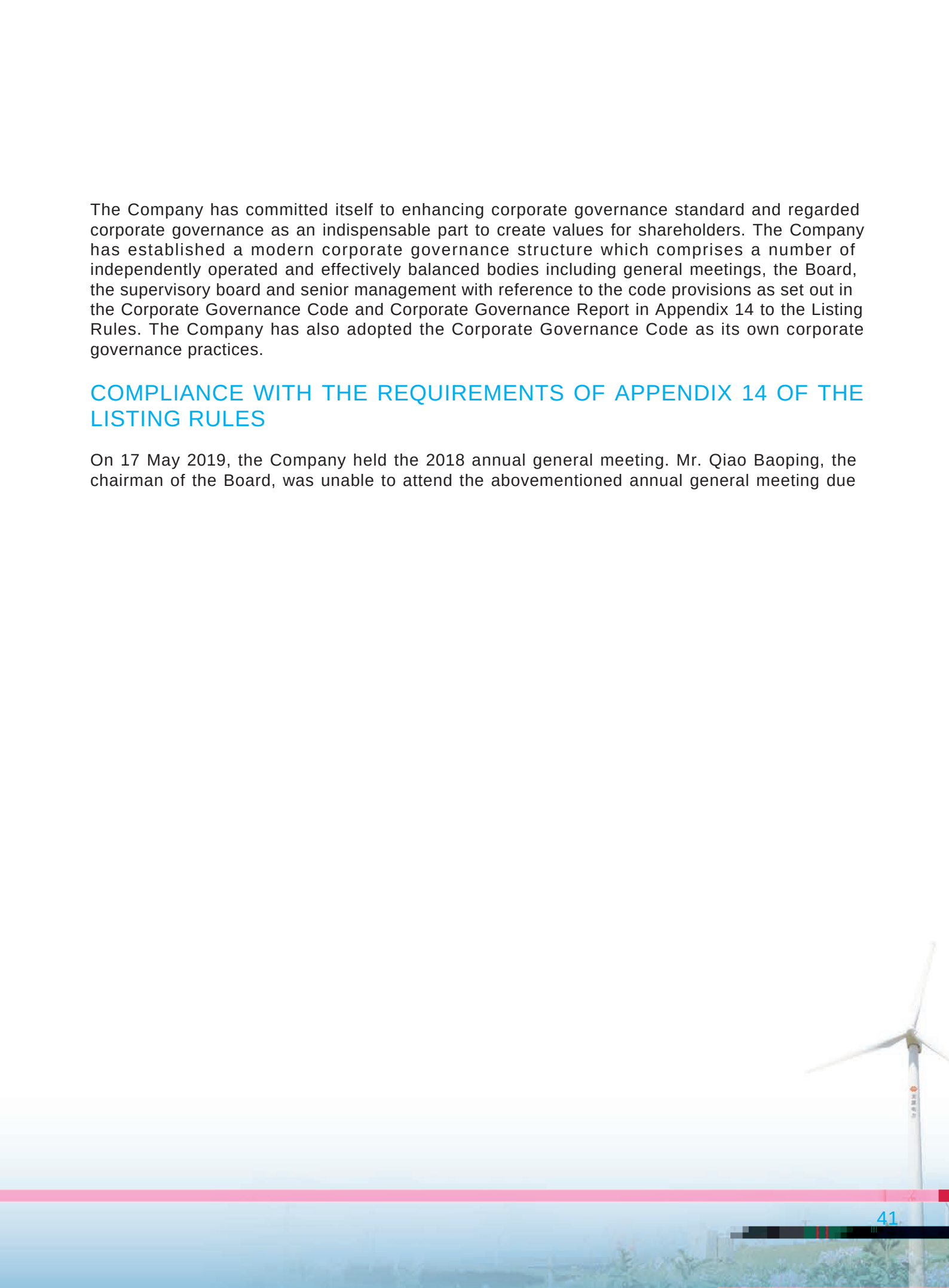
The Group will keep enhancing the Party's political building as the overarching principle so as to urge Party members to strengthen their consciousness of the "Four Types of Awareness", and arm their mind with Xi Jinping's Thought on Socialism with Chinese Characteristics for a New Era. To this end, it will launch educational activities on the theme of staying true to the founding mission of the Party, and conduct in-depth investigation and study to solve key challenges and difficulties and boost work morale.

(II) Implementing the gist adopted at the interim working meetings to promote strategic transformation and materialize high-quality development

The Company has committed itself to enhancing corporate governance standard and regarded corporate governance as an indispensable part to create values for shareholders. The Company has established a modern corporate governance structure which comprises a number of independently operated and effectively balanced bodies including general meetings, the Board, the supervisory board and senior management with reference to the code provisions as set out in the Corporate Governance Code and Corporate Governance Report in Appendix 14 to the Listing Rules. The Company has also adopted the Corporate Governance Code as its own corporate governance practices.

## COMPLIANCE WITH THE REQUIREMENTS OF APPENDIX 14 OF THE LISTING RULES

On 17 May 2019, the Company held the 2018 annual general meeting. Mr. Qiao Baoping, the chairman of the Board, was unable to attend the abovementioned annual general meeting due



## INDEPENDENT NON-EXECUTIVE DIRECTORS

The Company has appointed a sufficient number of independent non-executive Directors with appropriate professional qualifications, or appropriate accounting or relevant financial management expertise in accordance with the requirements of the Listing Rules. The Company appointed a total of three independent non-executive Directors, namely, Mr. Zhang Songyi, Mr. Meng Yan and Mr. Han Dechang.

## AUDIT COMMITTEE

The Company has established the Audit Committee in accordance with the requirements of the Listing Rules. The primary responsibilities of the Audit Committee are to review the annual internal audit plan of the Company; oversee the appointment, re-appointment and remov4.1aq072 Tm intersysts o7poinnd ( of)24nal o7poicontro1 ( o7poi1rocedunsi ( o7poi.2 ( o7poi3.6 ( A7mpany)13.6 (

## SHARE CAPITAL

As of 30 June 2019, the total share capital of the Company amounted to RMB8,036,389,000 divided into 8,036,389,000 shares of RMB1.00 each. There has been no change in the share capital of the Company during the Reporting Period.

## INTERIM DIVIDEND

The Board has not made any recommendation on the distribution of an interim dividend for the six months ended 30 June 2019.

## PURCHASE, SALE OR REDEMPTION OF THE COMPANY'S LISTED SECURITIES

Neither the Company nor any of its subsidiaries purchased, sold or redeemed any of the Company's listed securities during the six months ended 30 June 2019.

## INTERESTS AND SHORT POSITIONS OF THE DIRECTORS, SUPERVISORS AND CHIEF EXECUTIVE IN THE SHARES, UNDERLYING SHARES AND DEBENTURES



## SUBSTANTIAL SHAREHOLDERS' INTERESTS IN SHARES

As at 30 June 2019, so far as known to the Directors, the following persons (other than the Directors, chief executives or supervisors of the Company) had interests or short positions in the shares or underlying shares of the Company which would fall to be disclosed to the Company pursuant to Divisions 2 and 3 of Part XV of the SFO:

| Name of Shareholder | Class of Share | Capacity | Number of Shares/ Underlying Shares Held *(Share)* | Percentage in the Relevant Class of Share Capital *(Note 1) (%)* | Percentage in the Total Share Capital *(Note 1) (%)* |
|---|---|---|---|---|---|
| CHN Energy | Domestic shares | Beneficial owner and interest of corporation controlled by substantial shareholders | 4,696,360,000 *(Note 2)* *(Long position)* | 100 | 58.44 |
| Wellington Management Group LLP | H shares | Investment manager | 337,479,270 *(Note 3)* *(Long position)* | 10.10 | 4.20 |
| BlackRock, Inc. | H shares | Interest of corporation controlled by substantial shareholders | 270,806,135 *(Note 4)* *(Long position)* | 8.11 | 3.37 |
| BlackRock, Inc. | H shares | Interest of corporation controlled by substantial shareholders | 9,278,000 *(Note 5)* *(Short position)* | 0.28 | 0.12 |
| JPMorgan Chase & Co. | H shares | Interest of corporation controlled by substantial shareholders, investment manager, person having a security interest in shares and approved lending agent | 251,072,564 *(Note 6)* *(Long position)* | 7.52 | 3.12 |

| Name of Shareholder | Class of Share | Capacity | Number of Shares/ Underlying Shares Held *(Share)* | Percentage in the Relevant Class of Share Capital *(Note 1) (%)* | Percentage in the Total Share Capital *(Note 1) (%)* |
|---|---|---|---|---|---|
| JPMorgan Chase & Co. | H shares | Interest of corporation controlled by substantial shareholders | 15,617,590 *(Note 7)* *(Short position)* | 0.47 | 0.19 |
| JPMorgan Chase & Co. | H shares | Approved lending agent | 185,845,070 *(Shares in a lending pool)* | 5.56 | 2.31 |
| National Council for Social Security Fund ( Œ 7 _ 6 - æ ? – # + 6) | H shares | Beneficial owner | 233,758,000 *(Long position)* | 7.00 | 2.91 |
| The Bank of New York Mellon Corporation | H shares | Interest of corporation controlled by substantial shareholders | 202,709,042 *(Note 8)* *(Long position)* | 6.07 | 2.52 |
| The Bank of New York Mellon Corporation | H shares | Approved lending agent | 197,680,442 *(Shares in a lending pool)* | 5.92 | 2.46 |
| T. Rowe Price Associates, Inc. and its affiliates | H shares | Beneficial owner | 196,748,000 *(Long position)* | 5.89 | 2.45 |

*Notes j*

1. The percentage is based on the issued number of relevant class of shares/total issued shares of the Company as at 30 June 2019.

2. Among these 4,696,360,000 domestic shares, 4,602,432,800 domestic shares were directly held by CHN Energy while the remaining 93,927,200 shares were held by Guodian Northeast Electric Power Co., Ltd.* ( 7 e e b Þ " ® !), a subsidiary of CHN Energy. Accordingly, CHN Energy was deemed as the owner of the equity interests held by Guodian Northeast Electric Power Co., Ltd.* ( 7 e e b Þ " ® !).

* *For identification purpose only*

3. Among these 337,479,270 H shares, 266,369,280 H shares were held by Wellington Management Company LLP, an indirect non-wholly-owned subsidiary of Wellington Management Group LLP, 71,109,990 H shares were held by Wellington Management International Ltd, an indirect non-wholly-

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6. Among these 251,072,564 H shares, 1,758,000 H shares were held by JPMorgan Asset Management (Taiwan) Limited, an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 418,000 H shares were held by J.P. Morgan Bank Luxembourg S.A. – Amsterdam Branch, an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 1,432,000 H shares were held by J.P. Morgan AG, an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 1,032,451 H shares were held by J.P. Morgan Bank Luxembourg S.A. – Stockholm Bankfilial, an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 14,530,179 H shares were held by JPMORGAN CHASE BANK, N.A. – LONDON BRANCH, an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 3,626,000 H shares were held by J.P. Morgan Investment Management Inc., an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 151,000 H shares were held by JPMORGAN ASSET MANAGEMENT (UK) LIMITED, an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 829,000 H shares were held by J.P. Morgan Bank Luxembourg, Copenhagen Br, filial af J.P. Morgan Bank Luxembourg S.A., an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 626,000 H shares were held by JPMorgan Chase Bank, N.A. – Sydney Branch, an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 141,549 H shares were held by J.P. Morgan Bank Luxembourg S.A. – Oslo Branch, an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 15,517,000 H shares were held by J.P. Morgan Bank Luxembourg S.A., an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 121,413,962 H shares were held by JPMorgan Chase Bank, National Association, a wholly-owned subsidiary of JPMorgan Chase & Co., 32,771,929 H shares were held by JPMorgan Chase Bank, N.A. – Hong Kong Branch, an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 13,832,000 H shares were held by JF Asset Management Limited, an indirect non-wholly-owned subsidiary of JPMorgan Chase & Co., 2,149,000 H shares were held by J.P. Morgan (Suisse) SA, an indirect wholly-owned subsidiary of JPMorgan Chase & Co., 40,844,494 H shares were held by J.P. MORGAN SECURITIES PLC, an indirect wholly-owned subsidiary of JPMorgan Chase & Co. Accordingly, JPMorgan Chase & Co. was deemed as the owner of the H shares equity interests held by its aforesaid subsidiaries.

7. These 15,617,590 H shares were held by J.P. MORGAN SECURITIES PLC, an indirect wholly-owned subsidiary of JPMorgan Chase & Co. Accordingly, JPMorgan Chase & Co. was deemed as the owner of the H share short positions held by its aforesaid subsidiary.

8. These 202,709,042 H shares were held by The Bank of New York Mellon, a wholly-owned subsidiary of The Bank of New York Mellon Corporation. Accordingly, The Bank of New York Mellon Corporation was deemed as the owner of the H shares equity interests held by its aforesaid subsidiary.

## EMPLOYEES

As at 30 June 2019, the Group had a total of 7,519 employees. Focusing on position-based responsibilities and performance assessment, the Group set up a staff remuneration system which closely links employees' remuneration with corporate economic benefits, individual performance and de facto contribution, and devised a scientific and rational mechanism for incentives and constraints to reward good performers and sanction poor performers, thereby stimulating internal driving force and vitality.

## MATERIAL LITIGATION

As at 30 June 2019, the Group was not involved in any material litigation or arbitration. So far as known to the Directors, no material litigation or claims are pending or threatened against the Group.

## CHANGE IN INFORMATION OF DIRECTORS AND SUPERVISORS

### Directors of the Company

As elected at the 2019 first extraordinary general meeting of the Company, Mr. Jia Yanbing was appointed as an executive Director and chairman of the strategic committee of the Board with effect from 28 February 2019 until the expiry of the fourth session of the Board.



## SCOPE OF REVIEW

We conducted our review in accordance with Hong Kong Standard on Review Engagements 2410 *Review of Interim Financial Information Performed by the Independent Auditor of the Entity* issued by the Hong Kong Institute of Certified Public Accountants. A review of interim condensed consolidated financial statements consists of making enquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Hong Kong Standards on Auditing and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

## CONCLUSION

Based on our review, nothing has come to our attention that causes us to believe that the interim condensed consolidated financial statements as at 30 June 2019 are not prepared, in all material respects, in accordance with IAS 34.

Ernst & Young
*Certified Public Accountants*
Hong Kong

20 August 2019

| | Notes | Six months ended 30 June 2019 RMB'000 | 2018 RMB'000 |
|---|---|---|---|
| Revenue | 5 | 14,037,658 | 13,362,888re 368./GS0 |

| | Notes | Six months ended 30 June 2019 RMB'000 | 2018 RMB'000 |
|---|---|---|---|
| Other comprehensive income/(loss) | | | |
| Other comprehensive income/(loss) that will not | | | |

to 34 0m8 Tc 10.5 0 0 10.5 56.6929 603.2944 Tm (Other compr6C911.779 85.039-3.009 re 368.504 274.

*AT 30 JUNE 2019 (Expressed in thousands of Renminbi)*

| | Notes | At 30 June 2019 RMB'000 | At 31 December 2018 RMB'000 |
|---|---|---|---|
| Non-current assets | | | |
| Property, plant and equipment | 12 | 109,406,903 | 110,000,510 |
| Investment properties | | 9,222 | 9,591 |
| Right-of-use assets | | 2,894,707 | – |
| Lease prepayments | | – | 2,152,429 |
| Intangible assets | 13 | 7,665,010 | 8,109,681 |
| Goodwill | | 61,490 | 61,490 |
| Investments in associates and joint ventures | | 4,493,017 | 4,549,432 |
| Other assets | 14 | 3,826,770 | 3,688,776 |
| Deferred tax assets | | 148,579 | 146,376 |
| Total non-current assets | | 128,505,698 | 128,718,285 |
| Current assets | | | |
| Inventories | | 940,029 | 851,973 |
| Trade and bills receivables | 15 | 18,075,627 | 10,541,524 |
| Prepayments and other current assets | 16 | 2,332,530 | 2,818,545 |
| Tax recoverable | | 226,128 | 210,578 |
| Other financial assets | 17 | 603,220 | 249,080 |
| Restricted deposits | | 168,108 | 253,090 |
| Cash at banks and on hand | 18 | 2,047,125 | 2,861,261 |
| Total current assets | | 24,392,767 | 17,786,051 |

The notes on pages 61 to 114 form part of these interim financial statements.

## CONSOLIDATED STATEMENT OF FINANCIAL POSITION

*AT 30 JUNE 2019 (Expressed in thousands of Renminbi)*

| | Notes | At 30 June 2019 *RMB'000* | At 31 December 2018 *RMB'000* |
|---|---|---|---|
| Current liabilities | | | |
| Borrowings | 19 | 27,543,508 | 28,335,804 |
| Trade and bills payables | 20 | 2,208,873 | 2,058,877 |
| Other current liabilities | 21 | 9,739,000 | 9,121,974 |
| Lease liabilities | | 94,447 | – |
| Obligations under finance leases | | – | 53,945 |
| Tax payable | | 297,412 | 209,668 |
| Total current liabilities | | 39,883,240 | 39,780,268 |
| Net current liabilities | | (15,490,473) | (21,994,217) |
| Total assets less current liabilities | | 113,015,225 | 106,724,068 |
| Non-current liabilities | | | |
| Borrowings | 19 | 50,476,815 | 46,644,884 |
| Lease liabilities | | 625,836 | – |
| Obligations under finance leases | | – | 361,478 |
| Deferred income | | 1,382,526 | 1,449,938 |
| Deferred tax liabilities | | 201,700 | 164,260 |
| Other non-current liabilities | | 1,289,097 | 1,537,715 |
| Total non-current liabilities | | 53,975,974 | 50,158,275 |
| NET ASSETS | | 59,039,251 | 56,565,793 |

The notes on pages 61 to 114 form part of these interim financial statements.

*AT 30 JUNE 2019 (Expressed in thousands of Renminbi)*

| | Notes | At 30 June 2019 RMB'000 | At 31 December 2018 RMB'000 |
|---|---|---|---|
| CAPITAL AND RESERVES | | | |
| Share capital | 22 | 8,036,389 | 8,036,389 |
| Perpetual medium-term notes | 23 | 4,894,737 | 4,991,000 |
| Reserves | | 38,656,057 | 36,209,041 |
| Total equity attributable to equity holders of the Company | | 51,587,183 | 49,236,430 |
| Non-controlling interests | | 7,452,068 | 7,329,363 |
| TOTAL EQUITY | | 59,039,251 | 56,565,793 |

Approved and authorised for issue by the board of directors on 20 August 2019.

Jia Yanbing
*Executive Director*

Huang Qun
*Executive Director*

The notes on pages 61 to 114 form part of these interim financial statements.

FOR THE SIX MONTHS ENDED 30 JUNE 2019 (Expressed in thousands of RMB)

| | Attributable to the equity holders of the Company | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Share capital RMB'000 | Perpetual medium-term notes RMB'000 (Note 23) | Capital reserve RMB'000 (Note 22(c)(i)) | Statutory surplus reserve RMB'000 (Note 22(c)(ii)) | Exchange reserve RMB'000 (Note 22(c)(iii)) | Fair value reserve RMB'000 (Note 22(c)(iv)) | Retained earnings RMB'000 | Subtotal RMB'000 | Non-controlling interests RMB'000 | Total equity RMB'000 |
| At 1 January 2019 | 8,036,389 | 4,991,000 | 14,708,774 | 1,486,824 | (448,576) | 91,206 | 20,370,813 | 49,236,430 | 7,329,363 | 56,565,793 |

| | Attributable to the equity holders of the Company | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Share capital *RMB'000* | Perpetual medium-term notes *RMB'000 (Note 23)* | Capital reserve *RMB'000 (Note 22(c)(i))* | Statutory surplus reserve *RMB'000 (Note 22(c)(ii))* | Exchange reserve *RMB'000 (Note 22(c)(iii))* | Fair value reserve *RMB'000 (Note 22(c)(iv))* | Retained earnings *RMB'000* | Subtotal *RMB'000* | Non-controlling interests *RMB'000* | Total equity *RMB'000* |
| At 1 January 2018 | 8,036,389 | 4,991,000 | 14,697,943 | 1,267,175 | (280,056) | 201,920 | 17,404,394 | 46,318,765 | 7,173,431 | 53,492,196 |
| Changes in equity: | | | | | | | | | | |
| Profit for the period | – | 121,000 | – | – | – | – | 3,072,499 | 3,193,499 | 409,493 | 3,602,992 |
| Other comprehensive income | – | – | – | – | (116,618) | (145,771) | – | (262,389) | (24,068) | (286,457) |
| Total comprehensive income | – | 121,000 | – | – | (116,618) | (145,771) | | | | |

*FOR THE SIX MONTHS ENDED 30 JUNE 2019 (Expressed in thousands of Renminbi)*

| | Attributable to the equity holders of the Company | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Share capital *RMB'000* | Perpetual medium-term notes *RMB'000 (Note 23)* | Capital reserve *RMB'000 (Note 22(c)(i))* | Statutory surplus reserve *RMB'000 (Note 22(c)(ii))* | Exchange reserve *RMB'000 (Note 22(c)(iii))* | Fair value reserve *RMB'000 (Note 22(c)(iv))* | Retained earnings *RMB'000* | Subtotal *RMB'000* | Non-controlling interests *RMB'000* | Total equity *RMB'000* |
| At 1 July 2018 | 8,036,389 | 4,894,737 | 14,708,774 | 1,486,824 | (396,674) | 56,149 | 19,519,633 | 48,305,832 | 7,296,124 | 55,601,956 |
| Changes in equity: | | | | | | | | | | |
| Profit for the period | – | 121,000 | – | – | – | – | 851,310 | 972,310 | 345,918 | 1,318,228 |
| Other comprehensive income | – | – | – | – | (51,902) | 35,057 | – | (16,845) | 4,643 | (12,202) |
| Total comprehensive income | – | 121,000 | – | – | (51,902) | 35,057 | 851,310 | 955,465 | 350,561 | 1,306,026 |
| Capital contributions by non-controlling interests | – | – | – | – | – | – | – | – | 24,343 | 24,343 |
| Acquisition of non-controlling interests | – | – | – | – | – | – | – | – | (66,793) | (66,793) |
| Dividends paid by subsidiaries to non-controlling equity owners | – | – | – | – | – | – | – | – | (274,872) | (274,872) |
| Dividends to shareholders of the Company | – | – | – | – | – | – | (130) | (130) | – | (130) |
| Distribution for perpetual medium-term notes | – | (24,737) | – | – | – | – | – | (24,737) | – | (24,737) |
| At 31 December 2018 | 8,036,389 | 4,991,000 | 14,708,774 | 1,486,824 | (448,576) | 91,206 | 20,370,813 | | | |

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Operating activities | | |
| Cash generated from operations | 2,986,477 | 6,957,393 |
| Tax paid | (686,913) | (628,947) |
| Net cash generated from operating activities | 2,299,564 | 6,328,446 |
| Investing activities | | |
| Payments for acquisition of property, plant and equipment, land use rights and intangible assets | (4,841,959) | (5,742,241) |
| Payments for investments in associates and joint ventures and equity investments | – | 162 |
| Redemption of short-term investments | 1,074,550 | 458,000 |
| Other cash flows used in investing activities | (668,020) | (977,497) |
| Net cash used in investing activities | (4,435,429) | (6,261,576) |
| Financing activities | | |
| Proceeds from borrowings | 23,286,726 | 28,714,806 |
| Repayment of borrowings | (20,360,823) | (29,534,055) |
| Interest paid for borrowings | (1,484,520) | (1,801,905) |
| Other cash flows used in financing activities | (125,304) | (206,466) |
| Net cash from/(used in) financing activities | 1,316,079 | (2,827,620) |

The notes on pages 61 to 114 form part of these interim financial statements.

*FOR THE SIX MONTHS ENDED 30 JUNE 2019 (Expressed in thousands of Renminbi)*

| | Notes | Six months ended 30 June 2019 RMB'000 | 2018 RMB'000 |
|---|---|---|---|
| Net decrease in cash and cash equivalents | | (819,786) | (2,760,750) |
| Cash and cash equivalents at 1 January | 18 | 2,861,261 | 5,071,579 |
| Effect of foreign exchange rate changes | | 5,650 | (27,792) |
| Cash and cash equivalents at 30 June | 18 | 2,047,125 | 2,283,037 |

The notes on pages 61 to 114 form part of these interim financial statements.

## 1 PRINCIPAL ACTIVITIES

China Longyuan Power Group Corporation Limited (the "Company") and its subsidiaries (the "Group") are principally engaged in wind and coal power generation and sale, coal trading and other related businesses in the People's Republic of China (the "PRC").

## 2 BASIS OF PREPARATION OF THE FINANCIAL REPORT

These interim financial statements have been prepared in accordance with IAS 34 *Interim Financial Reporting*. They were authorised for issuance by the board of directors of the Company on 20 August 2019.

The interim financial statements have been prepared assuming the Group will continue as a going concern notwithstanding the fact that the Group had net current liabilities as at 30 June 2019 amounting to RMB15,490,473,000. The directors of the Company are of the opinion that, based on a review of the forecasted cash flows of the Group, the unutilised banking facilities and the unutilised credit lines with banks as at 30 June 2019, the Group will have necessary liquid funds to finance its working capital and capital expenditure requirements within the next twelve months.

The preparation of an interim financial statements in conformity with IAS 34 requires management to make judgements, estimates and assumptions that affect the application of policies and the reported amounts of assets and liabilities, income and expenses on a year to date basis. Actual results may differ from these estimates.

This interim financial statements contain condensed consolidated financial statements and selected explanatory notes, and should be read in conjunction with the Group's annual

## 3 CHANGES IN ACCOUNTING POLICIES

### (a) Overview

The accounting policies adopted in the preparation of the condensed consolidated interim financial statements are consistent with those followed in the preparation of the Group's annual consolidated financial information for the year ended 31 December 2018, except for the adoption of new standards effective as of 1 January 2019. The Group has not early adopted any other standard, interpretation or amendment that has been issued but is not yet effective.

The Group adopted IFRS 16 using the modified retrospective method of adoption with the date of initial application of 1 January 2019. Details of the changes in accounting policies are discussed in note 3(b) for IFRS 16.

Several other amendments and interpretation listed below have been applied for the first time in 2019, but they did not have any significant impact on the interim condensed consolidated financial statements of the Group:

- Amendments to IAS 28 *Long-term Interest in Associates and Joint Ventures*
- IFRIC interpretation 23 *Uncertainty over Income Tax Treatments*
- Amendments to IFRS 9 *Prepayment Features with Negative Compensation*
- Amendments to IAS 19 *Plan Amendment, Curtailment or Settlement*
- Annual IFRS Improvements:

  IFRS 3 Business Combinations –*Previously held interest in a joint operation*

  IFRS 11 Joint Arrangements –*Previously held interest in a joint operation*

  IAS 12 Income Tax – *Income tax consequences of payments on financial instruments classified as equity*

  IAS 23 Borrowing Costs – *Borrowing costs eligible for capitalisation*

## 3 CHANGES IN ACCOUNTING POLICIES (CONTINUED)

(b) IFRS 16 Leases

*(Expressed in thousands of Renminbi)*

## 3 CHANGES IN ACCOUNTING POLICIES (CONTINUED)

### (b) IFRS 16 Leases (Continued)

*As a lessee – Leases previously classified as operating leases*

*Nature of the effect of adoption of IFRS 16*

The Group has lease contracts for various items of property, machinery, vehicles and other equipment. As a lessee, the Group previously classified leases as either finance leases or operating leases based on the assessment of whether the lease transferred substantially all rewards and risks of ownership of assets to the Group. Under IFRS 16, the Group applies a single approach to recognise and measure right-of-use assets and lease liabilities for all leases, except for two elective exemptions for leases of low value assets (elected on a lease by lease basis) and short-term leases (elected by class of underlying asset). The Group has elected not to recognise right-of-use teratinmour

## 3 CHANGES IN ACCOUNTING POLICIES (CONTINUED)

(b) IFRS 16 Leases (Continued)

*As a lessee – Leases previously classified as operating leases (Continued)*

*Impacts on transition (Continued)*

*(Expressed in thousands of Renminbi)*

## 3 CHANGES IN ACCOUNTING POLICIES (CONTINUED)

### (b) IFRS 16 Leases (Continued)

*As a lessee – Leases previously classified as operating leases (Continued)*

*Impacts on transition (Continued)*

The effect of adoption of IFRS 16 as at 1 January 2019 was as follows:

| | Increase/ (Decrease) *RMB'000* |
|---|---|
| Assets | |
| Increase in right-of-use assets | 2,911,487 |
| Decrease in property, plant and equipment | (448,876) |
| Decrease in lease prepayments | (2,152,429) |
| Decrease in intangible assets | (217,325) |
| Increase in total assets | 92,857 |
| Liabilities | |
| Increase in lease liabilities | 719,711 |
| Decrease in other non-current liabilities | (211,431) |
| Decrease in obligations under finance leases | (415,423) |
| Increase in total liabilities | 92,857 |
| Decrease in retained earnings | – |

## 3 CHANGES IN ACCOUNTING POLICIES (CONTINUED)

### (b) IFRS 16 Leases (Continued)

*As a lessee – Leases previously classified as operating leases (Continued)*

*Impacts on transition (Continued)*

The lease liabilities as at 1 January 2019 reconciled to the operating lease commitments as at 31 December 2018 were as follows:

| | *RMB'000* |
|---|---|
| Operating lease commitments as at 31 December 2018 | 124,334 |
| Less: Commitments relating to short-term leases and those leases with a remaining lease term ending on or before 31 December 2019 | 1,059 |
| Add: Commitments relating to leases previously classified as finance leases as at 31 December 2018 | 484,598 |
| Commitments relating to leases previously classified as other non-current liabilities as at 31 December 2018 | 366,934 |
| Total undiscounted lease liabilities as at 1 January 2019 for adoption of IFRS 16 | 974,807 |
| Weighted average incremental borrowing rate as at 1 January 2019 | 4.58% |
| Lease liabilities as at 1 January 2019 | 719,711 |

*(Expressed in thousands of Renminbi)*

## 3 CHANGES IN ACCOUNTING POLICIES (CONTINUED)

### (b) IFRS 16 Leases (Continued)

*Summary of new accounting policies*

Set out below are the new accounting policies of the Group upon adoption of IFRS 16, which have been applied from the date of initial application of 1 January 2019:

*Right-of-use assets*

The Group recognised right-of-use assets at the commencement date of the lease (i.e., the date the underlying asset is available for use). Right-of-use assets are measured at cost, less any accumulated depreciation and impairment losses, and adjusted for any remeasurement of lease liabilities. The cost of right-of-use assets includes the amount of lease liabilities recognised, initial direct costs incurred and lease payments made at or before the commencement date less any lease incentives received. Unless the Group is reasonably certain to obtain ownership of the leased asset at the end of the lease term, the recognised right-of-use assets are depreciated on a straight-line basis over the shorter of its estimated useful life and the lease term. Right-of-use assets are subject to impairment.

*Lease liabilities*

At the commencement date of the lease, the Group recognised lease liabilities measured at the present value of lease payments to be made over the lease term. The lease payments include fixed payments (including in-substance fixed payments) less any lease incentives receivables, variable lease payments that depend on an index or a rate, and amounts expected to be paid under residual value guarantees. The lease payments also include the exercise price of a purchase option reasonably certain to be exercised by the Group and payments of penalties for terminating a lease, if the lease term reflects the Group exercising the option to terminate. The variable lease payments that do not depend on an index or a rate are recognised as an expense in the period on which the event or condition that triggers the payment occurs.

## 3 CHANGES IN ACCOUNTING POLICIES (CONTINUED)

### (b) IFRS 16 Leases (Continued)

*Summary of new accounting policies (Continued)*

*Lease liabilities (Continued)*

In calculating the present value of lease payments, the Group uses the incremental borrowing rate at the lease commencement date if the interest rate implicit in the lease is not readily determinable. After the commencement date, the amount of lease liabilities is increased to reflect the accretion of interest and reduced for the lease payments made. In addition, the carrying amount of lease liabilities is remeasured if there is a modification, a change in future lease payments arising from change in an index or a rate, a change in the lease term, a change in the in-substance fixed lease payments or a change in the assessment to purchase the underlying asset.

*Short-term leases and leases of low-value assets*

The Group applies the short-term lease recognition exemption to its short-term leases of certain offices and apartments for employees (i.e., those leases that have a lease term of 12 months or less from the commencement date and do not contain a purchase option). The Group also applies the lease of low-value assets recognition exemption to leases of office equipment that are considered of low value. Lease payments on short-term leases and leases of low-value assets are recognised as an expense on a straight-line basis over the lease term.

*Significant judgement in determining the lease term of contracts with renewal options*

The Group determines the lease term as the non-cancellable term of the lease, together with any periods covered by an option to extend the lease if it is reasonably certain to be exercised, or any periods covered by an option to terminate the lease, if it is reasonably certain not to be exercised.



*(Expressed in thousands of Renminbi)*

## 3 CHANGES IN ACCOUNTING POLICIES (CONTINUED)

(c) Amendments to IAS 28 clarify that the scope exclusion of IFRS 9 only includes interests in an associate or joint venture to which the equity method is applied and does not include long-term interests that is substance from part of the net investment in the associate or joint venture, to which the equity method has not been applied. Therefore, an entity applies IFRS 9, rather than IAS 28, including the impairment requirements under IFRS 9, in accounting for such long-term interests. IAS 28 is then applied to the net investment, which includes the long-term interests, only in the context of recognising losses of an associate or joint venture and impairment of the net investment in the associate or joint venture. The Group assessed its business model for its long-term interests in associates and joint ventures upon adoption of the amendments on 1 January 2019 and concluded that the long-term interests in associates and joint ventures continue to be measured at amortised cost in accordance with IFRS 9. Accordingly, the amendments did not have any impact on the Group's interim condensed consolidated financial statements.

(d) IFRIC 23 addressed the accounting for income taxes (current and deferred) when tax treatments involve uncertainty that affects the application of IAS 12 (often referred to as"uncertain tax positions"). The interpretation does not apply to taxes or levies outside the scope of IAS 12, nor does it specifically include requirements relating to interest and penalties associated with uncertain tax treatments. The interpretation specifically addresses (i) whether an entity considers uncertain tax treatments separately; (ii) the assumptions an entity makes about the examination of tax treatments by taxation authorities; (iii) how an entity determines taxable profits or tax losses, tax bases, unused tax losses, unused tax credits and tax rates; and (iv) how an entity considers changes in facts and circumstances. Upon adoption of the interpretation, the Group considered whether it has any uncertain tax positions arising from the transfer pricing on its intergroup sales. Based on the Group's tax compliance and transfer pricing study, the Group determined that it is probable that its transfer pricing policy will be accepted by the tax authorities. Accordingly, the interpretation did not have any significant impact on the Group's interim condensed consolidated financial statements.

*(Expressed in thousands of Renminbi)*

## 4 SEGMENT REPORTING

The Group manages its businesses by divisions, which are organised by types of business. Consistent with the way in which information is reported internally to the Group's most senior executive management for the purposes of resource allocation and performance assessment, the Group has presented the following two reportable segments:

– Wind power: this segment constructs, manages and operates wind power plants and generates electric power for sale to external power grid companies.

– Coal power: this segment constructs, manages and operates coal power plants and generates electric power for sale to external power grid companies and coal trading business.

The Group combined other business activities that are not reportable in "All others". Revenue included in this category is mainly from the manufacturing and sale of power equipment, the provision of consulting services, maintenance and training services to wind power plants, and other renewable power generation.

### (a) Segment results

In accordance with IFRS 8, segment information disclosed in the interim financial statements have been prepared in a manner consistent with the information used by the Group's senior executive management for the purposes of assessing segment performance and allocating resources between segments. In this regard, the Group's senior executive management monitors the results attributable to each reportable segment on the following bases:

Revenue and expenses are allocated to the reportable segments with reference to sales generated by those segments and the expenses incurred by those segments or which otherwise arise from the depreciation or amortisation of assets attributable to those segments. Segment revenue and expenses do not include share of profits less losses of associates and joint ventures, net finance expenses, service concession construction revenue and cost and unallocated head office and corporate expenses.

## 4 SEGMENT REPORTING (CONTINUED)

### (a) Segment results (Continued)

The measure used for reporting segment profit is the operating profit. Information regarding the Group's reportable segments as provided to the Group's most senior executive management for the purposes of resource allocation and assessment of segment performance for the six months ended 30 June 2019 and 2018 is set out below:

*For the six months ended 30 June 2019*

| | Wind power *RMB'000* | Coal power *RMB'000* | All others *RMB'000* | Total *RMB'000* |
|---|---|---|---|---|
| Revenue from external customers | | | | |
| – Sales of electricity | 9,907,692 | 1,422,633 | 215,039 | 11,545,364 |
| – Others | 7,087 | 2,330,093 | 139,120 | 2,476,300 |
| Subtotal | 9,914,779 | 3,752,726 | 354,159 | 14,021,664 |
| Inter-segment revenue | – | – | 265,327 | 265,327 |
| Reportable segment revenue | 9,914,779 | 3,752,726 | 619,486 | 14,286,991 |
| Reportable segment profit (operating profit) | 5,866,742 | 297,128 | 37,879 | 6,201,749 |
| Depreciation and amortisation before inter-segment elimination | (3,462,788) | (194,002) | (112,734) | (3,769,524) |
| (Provision)/Reversal of impairment losses of property, plant and equipment, trade and other receivables | (390) | – | 1,825 | 1,435 |
| Interest income | 8,847 | 9,710 | 37,929 | 56,486 |
| Interest expenses | (1,481,482) | (42,120) | (105,736) | (1,629,338) |
| Expenditures for reportable segment non-current assets during the period | 3,284,230 | 72,884 | 9,757 | 3,366,871 |

## 4 SEGMENT REPORTING (CONTINUED)

### (a) Segment results (Continued)

*For the six months ended 30 June 2018*

| | Wind power *RMB'000* | Coal power *RMB'000* | All others *RMB'000* | Total *RMB'000* |
|---|---|---|---|---|
| Revenue from external customers | | | | |
| – Sales of electricity | 9,566,838 | 1,497,516 | 194,577 | 11,258,931 |
| – Others | 13,597 | 2,060,832 | 23,711 | 2,098,140 |
| Subtotal | 9,580,435 | 3,558,348 | 218,288 | 13,357,071 |
| Inter-segment revenue | – | – | 98,409 | 98,409 |
| Reportable segment revenue | 9,580,435 | 3,558,348 | 316,697 | 13,455,480 |
| Reportable segment profit/(loss) (operating profit) | 5,778,298 | 217,139 | (23,398) | 5,972,039 |
| Depreciation and amortisation before inter-segment elimination | (3,259,650) | (193,081) | (111,512) | (3,564,243) |
| (Provision)/Reversal of d ((Provision)/Reve Fspairm 1,527 losses of 13,435 1.429 T 37,647 property, plant a | | | | |

## 4 SEGMENT REPORTING (CONTINUED)

### (b) Reconciliations of reportable segment revenue and profit or loss

| | Six months ended 30 June | |
|---|---|---|
| | 2019 *RMB'000* | 2018 *RMB'000* |
| Revenue | | |
| Reportable segment revenue | 14,286,991 | 13,455,480 |
| Service concession construction revenue | 15,994 | 5,817 |
| Elimination of inter-segment revenue | (265,327) | (98,409) |
| Consolidated revenue | 14,037,658 | 13,362,888 |
| Profit | | |
| Reportable segment profit | 6,201,749 | 5,972,039 |
| Elimination of inter-segment (loss)/profit | (7,657) | 3,772 |
| | 6,194,092 | 5,975,811 |
| Share of profits less losses of associates and joint ventures | 41,135 | 69,839 |
| Net finance expenses | (1,773,392) | (1,621,909) |
| Unallocated head office and corporate expenses | (77,687) | (51,547) |
| Consolidated profit before taxation | 4,384,148 | 4,372,194 |

### (c) Geographical information

As the Group does not have material operations outside the PRC, no geographic segment reporting is presented.

### (d) Seasonality of operations

The Group's wind power business generally generates more revenue in the first and fourth quarters, comparing to the second and third quarters in the year, as the wind speed is more beneficial to power generation in spring and winter. As a result, the revenue from the wind power business fluctuates during the year.

*(Expressed in thousands of Renminbi)*

## 5 REVENUE

The amount of each significant category of revenue recognised during the period was as follows:

For the six months ended 30 June 2019

| | Wind power *RMB'000* | Coal power *RMB'000* | Other business *RMB'000* | Total *RMB'000* |
|---|---|---|---|---|
| Types of goods and service | | | | |
| Sales of electricity | 9,907,692 | 1,422,633 | 215,039 | 11,545,364 |
| Sales of steam | – | 368,163 | – | 368,163 |
| Service concession construction revenue | 15,994 | – | – | 15,994 |
| Sales of coal | – | 1,784,446 | – | 1,784,446 |
| Others | 7,087 | 177,484 | 139,120 | 323,691 |
| | 9,930,773 | 3,752,726 | 354,159 | [illegible] |
| Geographic market | | | | |
| Mainland China | 9,638,607 | 3,752,726 | 354,159 | 13,745,492 |
| Canada | 110,684 | – | – | 110,684 |
| South Africa | 181,482 | – | – | 181,482 |

## 5 REVENUE (CONTINUED)

For the six months ended 30 June 2018

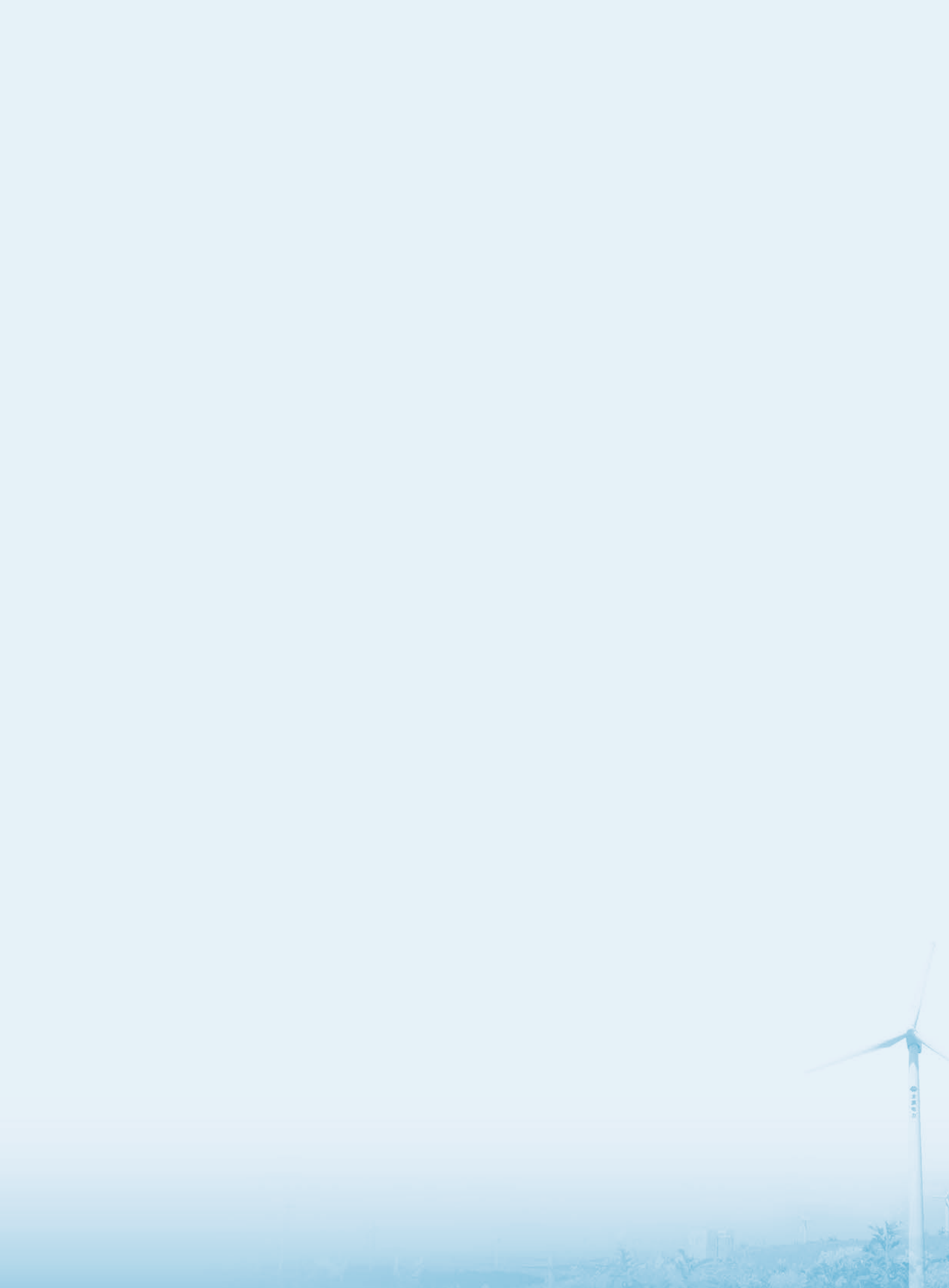
| | Wind power *RMB'000* | Coal power *RMB'000* | Other business *RMB'000* | Total *RMB'000* |
|---|---|---|---|---|
| Types of goods and service | | | | |
| Sales of electricity | 9,566,838 | 1,497,516 | 194,577 | 11,258,931 |
| Sales of steam | – | 353,787 | – | 353,787 |
| Service concession construction revenue | 5,817 | – | – | 5,817 |
| Sales of coal | – | 1,551,394 | – | 1,551,394 |
| Others | 13,597 | 155,651 | 23,711 | 192,959 |
| | 9,586,252 | 3,558,348 | 218,288 | 13,362,888 |
| Geographic market | | | | |
| Mainland China | 9,323,871 | 3,558,348 | 218,288 | 13,100,507 |
| Canada | 112,068 | – | – | 112,068 |
| South Africa | 150,313 | – | – | 150,313 |
| | 9,586,252 | 3,558,348 | 218,288 | 13,362,888 |
| Revenue recognition point | | | | |
| Goods transferred at a point of time | 9,566,838 | 3,470,083 | 196,584 | 13,233,505 |
| Services transferred over time | 19,414 | 88,265 | 21,704 | 129,383 |
| | 9,586,252 | 3,558,348 | 218,288 | 13,362,888 |



*(Expressed in thousands of Renminbi)*

## 6 OTHER NET INCOME

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Government grants | 415,759 | 395,987 |
| Rental income from investment properties | 5,854 | 2,907 |
| Others | 33,980 | 44,530 |
| | 455,593 | 443,424 |



*(Expressed in thousands of Renminbi)*

## 8 PROFIT BEFORE TAXATION

Profit before taxation is arrived at after charging:

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Amortisation | | |
| – lease prepayments | – | 42,622 |
| – intangible assets | 255,980 | 278,003 |
| Depreciation | | |
| – investment properties | 366 | 366 |
| – property, plant and equipment | 3,424,772 | 3,228,001 |
| – right-of-use assets | 73,155 | – |
| Provision/(Reversal) of impairment losses | | |
| – property, plant and equipment | – | 3,998 |
| – trade and other receivables | (1,435) | (4,000) |
| Cost of inventories | 2,895,028 | 2,792,124 |

## 9 INCOME TAX

(a) Taxation in the interim condensed consolidated statement of profit or loss and other comprehensive income represents:

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Current tax | | |
| Provision for the period | 730,564 | 713,601 |
| Underprovision in respect of prior years | 28,543 | 41,112 |
| | 759,107 | 754,713 |
| Deferred tax | | |
| Origination and reversal of temporary differences | (6,489) | 14,489 |
| | 752,618 | 769,202 |

*(Expressed in thousands of Renminbi)*

## 9 INCOME TAX (CONTINUED)

(b) Reconciliation between tax expenses and accounting profit at applicable tax rates:

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Profit before taxation | 4,384,148 | 4,372,194 |
| Notional tax on profit before taxation | 1,096,037 | 1,093,049 |

## 9 INCOME TAX (CONTINUED)

### (b) Reconciliation between tax expenses and accounting profit at applicable tax rates: (Continued)

*Note:*

(i) The provision for income tax of the PRC subsidiaries of the Group is calculated based on the statutory rate of 25% of the assessable profits of the Group as determined in accordance with the relevant PRC income tax rules and regulations for the six months ended 30 June 2019 and the six months ended 30 June 2018, except for certain subsidiaries of the Group, which are taxed at preferential rates of 0% to 15% according to the relevant tax authorities' approvals.

Pursuant to CaiShui [2008] No. 46 Notice on the Execution of the Catalogue of Public Infrastructure Projects Entitled for Preferential Tax Treatment, certain subsidiaries of the Group, which are set up after 1 January 2008 and are engaged in public infrastructure projects, are each entitled to a tax holiday of a 3-year full exemption followed by a 3-year 50% exemption commencing from their respective first operating income generating year.

Pursuant to CaiShui [2011] No. 58, the Company's subsidiaries established in the Western Region of the PRC are entitled to the preferential income tax rate of 15% from 1 January 2011 to 31 December 2020.

(ii) Hero Asia Investment Limited, a subsidiary of the Group incorporated in Hong Kong, is subject to Hong Kong profits tax at 16.5%. Pursuant to the rules and regulations of the British Virgin Islands ("BVI"), Hero Asia (BVI) Company Limited, a subsidiary of the Group, is not subject to any income tax in the BVI.

Hero Asia Investment Limited and Hero Asia (BVI) Company Limited, being overseas enterprises controlled by a PRC enterprise, are considered as the PRC tax residents in accordance with GuoShuiFa [2009] No. 82. Accordingly, they are subject to the PRC income tax at 25%, and dividends receivable by these two companies are exempted from the PRC dividend withholding tax.

The Company's subsidiary in Canada is subject to income tax at a rate of 26.5%. The Company's subsidiary in South Africa is subject to income tax at a rate of 28%.

*(Expressed in thousands of Renminbi)*

## 10 OTHER COMPREHENSIVE INCOME/(LOSS)

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Other comprehensive income/(loss) that will not to be reclassified to profit or loss in subsequent periods | | |
| Net profit/(loss) on equity investments in unlisted companies at fair value through other comprehensive income ("FVOCI"): | | |
| Changes in fair value recognised during the period | | |
| Net of tax amount | 120,611 | (142,009) |
| Net profit/(loss) on equity investments in listed companies at FVOCI: | | |
| Changes in fair value recognised during the period | | |
| Before tax amount | 5,940 | (6,677) |
| Tax expense | (1,486) | 1,669 |
| Net of tax amount | 4,454 | (5,008) |
| Other comprehensive income/(loss) that may be reclassified to profit or loss in subsequent periods | | |
| Exchange difference on translation of financial statements of overseas subsidiaries: | | |
| Before and net of tax amount | 370 | (85,893) |
| Exchange difference on net investment in foreign operations: | | |
| Before and net of tax amount | 8,515 | (53,547) |
| Other comprehensive income/(loss) | 133,950 | (286,457) |

## 11 EARNINGS PER SHARE

The calculation of basic earnings per share is based on the profit attributable to ordinary equity holders of the Company for the six months ended 30 June 2019 of RMB3,086,841,000 (six months ended 30 June 2018: RMB3,072,499,000) and the number of shares in issue during the six months ended 30 June 2019 of 8,036,389,000 (six months ended 30 June 2018: 8,036,389,000 shares).

There was no difference between the basic and diluted earnings per share as there were no dilutive potential shares outstanding for the periods presented.

## 12 PROPERTY, PLANT AND EQUIPMENT

During the six months ended 30 June 2019, the Group acquired items of property, plant and equipment of approximately RMB3,174,460,000 (six months ended 30 June 2018: approximately RMB3,194,627,000). Items of property, plant and equipment with a net book value of approximately RMB4,049,000 were disposed of during the six months ended 30 June 2019 (six months ended 30 June 2018: approximately RMB5,793,000), resulting in a loss on disposal of approximately RMB1,779,000 (six months ended 30 June 2018: loss on disposal of approximately RMB1,019,000). Upon the adoption of IFRS 16, property, plant and equipment with a net book value of RMB448,876,000 under finance leases were reclassified to right-of-use assets *(Note 3(b))*.

## 13 INTANGIBLE ASSETS

Intangible assets mainly represent service concession assets of approximately RMB7,467,007,000 (31 December 2018: approximately RMB7,692,253,000), software and other assets of approximately RMB198,003,000 (31 December 2018: approximately RMB417,428,000).

During the six months ended 30 June 2019, the additions to intangible assets mainly represent service concession assets of approximately RMB15,994,000 (six months ended 30 June 2018: approximately RMB5,817,000). Upon the adoption of IFRS 16, sea use rights with a net book value of RMB217,325,000 in intangible assets were reclassified to right-of-use assets *(Note 3(b))*.

## 14 OTHER ASSETS

| | At 30 June 2019 RMB'000 | At 31 December 2018 RMB'000 |
|---|---|---|
| Listed equity investments designated at FVOCI | 36,821 | 30,881 |
| Unlisted equity investments designated at FVOCI *(Note (i))* | 1,000,896 | 839,875 |
| Loans and advances to: | | |
| – associates *(Note (ii))* | 174,000 | 174,000 |
| – non-controlling equity owners | 48,425 | 49,084 |
| Dividend receivable *(Note (iii))* | 400,000 | 400,000 |
| Others | 11,644 | 9,966 |
| Subtotal | 1,671,786 | 1,503,806 |
| Deductible value-added tax ("VAT") *(Note (iv))* | 2,154,984 | 2,184,970 |
| | 3,826,770 | 3,688,776 |

*Notes:*

(i) The unlisted equity investments designated at FVOCI are equity investments in limited liability companies established in the PRC and the Group's management has assessed and classified these equity investments into equity investments through other comprehensive income and measured at fair value.

(ii) The loans to associates are designated loans and are unsecured, not past due as at the end of the reporting period and bear interest at the rates of 4.40% to 5.23% per annum for the period ended 30 June 2019 (31 December 2018: 4.40% to 5.23%). The current portion is recorded in other current assets.

(iii) The dividend receivable is the dividend declared but not paid yet by Jiangsu Nantong Power Generation Co., Ltd., a joint venture of the Group.

(iv) Deductible VAT mainly represents the input VAT relating to the acquisition of property, plant and equipment and intangible assets.

## 15 TRADE AND BILLS RECEIVABLES

| | At 30 June 2019 RMB'000 | At 31 December 2018 RMB'000 |
|---|---|---|

## 15 TRADE AND BILLS RECEIVABLES (CONTINUED)

Pursuant to CaiJian [2012] No. 102 Notice on the Interim Measures for Administration of Subsidy Funds for Tariff Premium of Renewable Energy ( Ž [ • U e • þ ? – M # r l ,) jointly issued by the Ministry of Finance, the National Development and Reform Commission and the National Energy Administration in March 2012, a set of new standardised procedures for the settlement of the aforementioned renewable energy tariff premium has come into force since 2012 and approvals on a project-by-project basis are required before the allocation of funds to local grid companies. As at 30 June 2019, most of the Group's related projects have been approved for the tariff premium of renewable energy and certain projects are in the process of applying for the approval. The directors are of the opinion that the approvals will be obtained in due course. The tariff premium receivables are settled in accordance with prevailing government policies and prevalent payment trends of Ministry of Finance. There is no due date for settlement. The trade receivables from tariff premium are fully recoverable, considering there were no bad debt

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## 16 PREPAYMENTS AND OTHER CURRENT ASSETS

| | At 30 June 2019 RMB'000 | At 31 December 2018 RMB'000 |
|---|---|---|
| Loans and advances to *(Note (i))*: | | |
| – associates and joint ventures | 133,387 | 634,337 |
| – China Energy Investment Corporation Limited ("CHN Energy") | 5,810 | 5,591 |
| – fellow subsidiaries | 385,596 | 351,335 |
| – third parties | 112,415 | 115,084 |
| Government grant receivables | 182,512 | 148,147 |
| Dividend receivable from | | |
| – associates | 31,461 | 76,979 |
| – fellow subsidiaries | – | 47,550 |
| Deductible VAT | 1,068,990 | 1,377,057 |
| Contract Assets | 25,218 | – |
| Prepayments and others | 671,179 | 346,111 |
| | 2,616,568 | 3,102,191 |
| Less: Allowance for doubtful debts | (284,038) | (283,646) |
| | 2,332,530 | 2,818,545 |

*Note:*

## 16 PREPAYMENTS AND OTHER CURRENT ASSETS (CONTINUED)

Where applicable upon the financial assets above, an impairment analysis is performed at each reporting date by considering the probability of default by applying a loss rate approach with reference to the historical loss record of the Group. The loss rate is adjusted to reflect the current conditions and forecasts of future economic conditions, as appropriate.

For the loans and advances due from a fellow subsidiary that was in financial difficulties, management assessed that the receivable was not expected to be fully recovered. Consequently, a specific allowance amounting to RMB250,789,000 for doubtful debts was recognised as at 30 June 2019. For the other loans and advances due from related parties, dividend receivables, government grant receivables and deductible VAT, they had a specific due date or settlement schedule. Management considered the probability of default as nil. The remaining allowances amounting to RMB33,249,000 were provided for the rest of the items of prepayments and other current assets with expected credit loss rates ranging from 0.00% to 100.00%.

## 17 OTHER FINANCIAL ASSETS

| | At 30 June 2019 *RMB'000* | At 31 December 2018 *RMB'000* |
|---|---|---|
| Financial assets designated at fair value through profit or loss | | |
| – Listed equity securities on the Hong Kong Stock Exchange | 73,080 | 82,440 |
| Financial assets designated at amortised cost *(Note (i))* | 530,140 | 166,640 |
| | 603,220 | 249,080 |

*Note:*

(i) The financial assets designated at amortised cost represent wealth management products issued by financial institutions with guaranteed principal amounts and variable returns.

## 18 CASH AT BANKS AND ON HAND

| | At 30 June 2019 RMB'000 | At 31 December 2018 RMB'000 |
|---|---|---|
| Cash on hand | 7 | 10,289 |

## 19 BORROWINGS

(a) The long-term interest-bearing borrowings comprise the following:

| | At 30 June 2019 *RMB'000* | At 31 December 2018 *RMB'000* |
|---|---|---|
| Bank loans | | |
| – Secured *(Note (ii))* | 14,040,330 | 11,145,380 |
| – Unsecured *(Note (i))* | 14,916,374 | 16,448,098 |
| Loans from fellow subsidiaries | | |
| – Unsecured *(Note (i))* | 50,000 | 50,000 |
| Other borrowings *(Note 19(c)(i))* | | |
| – Secured | 882,995 | 873,019 |
| – Unsecured | 25,329,081 | 23,401,498 |
| | 55,218,780 | 51,917,995 |
| Less: Current portion of long-term borrowings *(Note 19(b))* | | |
| – Bank loans | (2,829,366) | (2,291,716) |
| – Other borrowings | (1,912,599) | (2,981,395) |
| | 50,476,815 | 46,644,884 |

*Notes:*

(i) As at 30 June 2019, the Group's loans and borrowings guaranteed by CHN Energy amounted to RMB3,789,454,000 (31 December 2018: RMB3,939,422,000).

(ii) Certain secured borrowings of the subsidiaries of the Group were secured by property, plant and equipment with a carrying amount of RMB2,629,469,000 (31 December 2018:

## 19 BORROWINGS (CONTINUED)

(b) The short-term interest-bearing borrowings comprise the following:



*(Expressed in thousands of Renminbi)*

## 19 BORROWINGS (CONTINUED)

### (c) Significant terms of other borrowings

| | At 30 June 2019 *RMB'000* | At 31 December 2018 *RMB'000* |
|---|---|---|
| Long-term | | |
| Corporate bonds *(Note (i))* | 26,212,076 | 24,274,517 |
| Short-term | | |
| Corporate bonds *(Note (ii))* | | |

## 19 BORROWINGS (CONTINUED)

### (c) Significant terms of other borrowings (Continued)

*Notes: (Continued)*

(i) (Continued)

On 25 August 2016, the Company issued a three-year unsecured corporate bond of RMB2,000 million at par with a coupon rate of 3.25% per annum. The effective interest rate is 3.75%.

On 16 May 2017, the Company issued a five-year unsecured corporate bond of RMB2,000 million at par with a coupon rate of 4.90% per annum. The effective interest rate is 4.98%.

On 1 August 2017, the Company issued a seven-year unsecured corporate bond of RMB3,000 million at par with a coupon rate of 4.78% per annum. The effective interest rate is 4.84%.

On 23 April 2018, the Company issued a seUtyear unmpany corpor.3 ( )0.5 (bo2 ( of)25.unmp RMB3,000 million at par with a coupon rate of 4.90% per annu09 The effective interest rate is 4.84%.

## 20 TRADE AND BILLS PAYABLES

| | At 30 June 2019 *RMB'000* | At 31 December 2018 *RMB'000* |
|---|---|---|
| Bills payables | 1,386,692 | 1,310,066 |
| Trade payables | 670,537 | 685,541 |
| Amounts due to associates | 138,124 | 43,694 |
| Amounts due to fellow subsidiaries | 13,520 | 19,576 |
| | 2,208,873 | 2,058,877 |

The ageing analysis of trade and bills payables by invoice date is as follows:

| | At 30 June 2019 *RMB'000* | At 31 December 2018 *RMB'000* |
|---|---|---|
| Within 1 year | 1,797,360 | 1,699,853 |
| Between 1 and 2 years | 307,696 | 268,829 |
| Between 2 and 3 years | 57,431 | 48,695 |
| Over 3 years | 46,386 | 41,500 |
| | 2,208,873 | 2,058,877 |

As at 30 June 2019 and 31 December 2018, all trade and bills payables are payable and expected to be settled within one year.

## 21 OTHER CURRENT LIABILITIES

| | At 30 June 2019 *RMB'000* | At 31 December 2018 *RMB'000* |
|---|---|---|
| Payables for acquisition of property, plant and equipment | 5,379,105 | 5,576,222 |
| Payables for staff-related costs | 202,439 | 219,389 |
| Payables for other taxes | 129,568 | 201,229 |
| Dividends payable | 611,351 | 160,387 |
| Receipts in advance | – | 4,507 |
| Amounts due to associates and joint ventures *(Note (i))* | 1,113,651 | 1,275,030 |
| Amounts due to fellow subsidiaries *(Note (i))* | 135,895 | 163,588 |
| Amounts due to CHN Energy *(Note (i))* | 541,078 | 42,215 |
| Other accruals and payables | 1,330,962 | 1,233,558 |
| Derivative financial instruments – interest rate swap contracts *(Note (ii))* | 119,999 | 72,718 |
| Contract liabilities | 174,952 | 173,131 |
| | 9,739,000 | 9,121,974 |

*Notes:*

(i) Amounts due to CHN Energy, fellow subsidiaries, associates and joint ventures are unsecured, interest-free and have no fixed terms of repayment.

(ii) In 2015, Longyuan Mulilo De Aar 2 North (RF) Proprietary Limited and Longyuan Mulilo De Aar Wind Power (RF) Proprietary Limited, two subsidiaries of the Group, entered into interest rate swap contracts to mitigate the interest rate risks. The interest rate swap contracts were recognised at fair value as at 30 June 2019 and 31 December 2018.

(iii) All other payables are measured at amortised cost and expected to be settled within one year or are repayable on demand.

*(Expressed in thousands of Renminbi)*

## 22 CAPITAL, RESERVES AND DIVIDENDS

### (a) Dividends

*(i) Dividends payable to shareholders attributable to the interim period*

The directors did not recommend the payment of any interim dividend for the six months ended 30 June 2019 (six months ended 30 June 2018: nil).

*(ii) Dividends payable to shareholders attributable to the previous financial year, approved during the interim period*

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Final dividend in respect of the financial year ended 31 December 2018, approved during the following interim period, of RMB0.0977 per share (year ended 31 December 2017: RMB0.0918 per share) | 785,155 | 737,611 |

Dividends in respect of the financial year ended 31 December 2018 have been fully paid on 22 July 2019.

## 22 CAPITAL, RESERVES AND DIVIDENDS (CONTINUED)

### (b) Share capital

| | At 30 June 2019 *RMB'000* | At 31 December 2018 *RMB'000* |
|---|---|---|
| Issued and fully paid: | | |
| 4,696,360,000 domestic state-owned ordinary shares of RMB1.00 each | 4,696,360 | 4,696,360 |
| 3,340,029,000 H shares of RMB1.00 each | 3,340,029 | 3,340,029 |
| | 8,036,389 | 8,036,389 |

### (c) Nature and purpose of reserves

*(i) Capital reserve*

The capital reserve includes share premium and other capital reserve.

Share premium represents the difference between the total amount of the par value of the shares issued and the amount of the net proceeds received from the Initial Public Offering in December 2009 and the placing of new H shares in December 2012.

The other capital reserve mainly represents the difference between the total amount of the nominal value of shares issued and the amount of the net assets injected by CHN Energy and the cash injection in excess of the nominal value of shares issued to Guodian Northeast Electric Power Co., Ltd. upon the establishment of the Company, and the capital reserve as a result of the acquisition of business and business combinations under common control.

*(Expressed in thousands of Renminbi)*

## 22 CAPITAL, RESERVES AND DIVIDENDS (CONTINUED)

(c) Nature and purpose of reserves (Continued)

*(ii) Statutory surplus reserve*

According to the Company's Articles of Association, the Company is required

## 23 PERPETUAL MEDIUM-TERM NOTES

On 24 November 2015, the Company issued a perpetual medium-term note amounting to RMB3,000,000,000 (the "2015 Perpetual Medium-term Note"). The 2015 Perpetual Medium-term Note was issued at par value with an initial interest rate of 4.44% and recorded as equity, after netting off related issuance costs of approximately RMB9,000,000. On 17 November 2017, the Company issued a perpetual medium-term note amounting to RMB2,000,000,000 (the"2017 Perpetual Medium-term Note"). The 2017 Perpetual Medium-term Note was issued at par value with an initial interest rate of 5.44% and recorded as equity.

Interest of the 2015 Perpetual Medium-term Note and interest of the 2017 Perpetual Medium-term Note are recorded as distributions, which are paid annually in arrears on 25 November and 21 November in each year, respectively (the "Distribution Payment Date"), and may be deferred at the discretion of the Company unless compulsory distribution payment events (including distributions to ordinary shareholders of the Company or reduction of the registered capital of the Company or repaying any securities of a lower rank) have occurred.

The 2015 Perpetual Medium-term Note and the 2017 Perpetual Medium-term Note have no fixed maturity date and are callable at the Company's option on 25 November 2020 and 21 November 2020, respectively (the "First Call Date"), or any Distribution Payment Date

## 24 FAIR VALUE MEASUREMENT OF FINANCIAL INSTRUMENTS

### (a) Financial instruments carried at fair value

*Fair value hierarchy*

The following table presents the fair value of the Group's financial instruments o0.5 rchy

## 24 FAIR VALUE MEASUREMENT OF FINANCIAL INSTRUMENTS (CONTINUED)

### (a) Financial instruments carried at fair value (Continued)

*Fair value hierarchy (Continued)*

| | | Fair value measurements as at 30 June 2019 categorised into | | |
|---|---|---|---|---|
| | Fair value at 30 June 2019 | Quoted prices in active markets for identical assets (Level 1) | Significant other observable inputs (Level 2) | Significant unobservable inputs (Level 3) |
| | *RMB'000* | *RMB'000* | *RMB'000* | *RMB'000* |
| Recurring fair value measurement | | | | |
| Financial assets: | | | | |
| Unlisted equity investments designated at FVOCI | 1,000,896 | | | |

## 24 FAIR VALUE MEASUREMENT OF FINANCIAL INSTRUMENTS (CONTINUED)

### (a) Financial instruments carried at fair value (Continued)

*Fair value hierarchy (Continued)*

| | | Fair value measurements as at 31 December 2018 categorised into | | |
|---|---|---|---|---|
| | Fair value at 31 December 2018 | Quoted prices in active markets for identical assets (Level 1) | Significant other observable inputs (Level 2) | Significant unobservable inputs (Level 3) |
| | *RMB'000* | *RMB'000* | *RMB'000* | *RMB'000* |
| Recurring fair value measurement | | | | |
| Financial assets: | | | | |
| Unlisted equity investments designated at FVOCI | 839,875 | – | – | 839,875 |
| Listed equity investments designated at FVOCI | 30,881 | 30,881 | – | – |
| Financial assets designated at fair value through profit or loss – listed equity securities on the Hong Kong Stock Exchange | 82,440 | 82,440 | – | – |
| Trade and bills receivables | 10,399,498 | – | 10,399,498 | – |
| Financial liabilities: | | | | |
| Derivative financial instruments – Interest rate swap contracts | 72,718 | – | 72,718 | – |

During the six months ended 30 June 2019, there were no transfers between Level 1 and Level 2, or transfers into or out of Level 3 (six months ended 30 June 2018: nil). The Group's policy is to recognise transfers between levels of the fair value hierarchy as at the end of the reporting period in which they occur.

## 24 FAIR VALUE MEASUREMENT OF FINANCIAL INSTRUMENTS (CONTINUED)

### (a) Financial instruments carried at fair value (Continued)

*Fair value hierarchy (Continued)*

The fair value of interest rate swap contracts in Level 2 is determined by discounting the contractual fixed interest rate and deducting the forward Johannesburg Interbank Agreed Rate ("JIBAR"). The discount rate used is derived from the JIBAR swap yield curve as at the end of the reporting period.

The fair values of listed equity investments are based on quoted market prices. The fair values of unlisted equity investments designated at FVOCI have been estimated using a market-based valuation technique based on assumptions that are not supported by observable market prices or rates. The valuation requires the directors to determine comparable public companies (peers) based on industry, size, leverage and strategy, and calculate an appropriate price multiple, such as enterprise value to earnings before interest, taxes, depreciation and amortisation ("EV/EBITDA") multiple, enterprise value to earnings before interest and taxes ("EV/EBIT"), price to earnings ("P/E") multiple and price to book ("P/B") multiple, for each comparable company identified. The multiple is calculated by dividing the enterprise value of the comparable company by an earnings measure. The trading multiple is then discounted for considerations such as illiquidity and size differences between the comparable companies based on company-specific facts and circumstances. The discounted multiple is applied to the corresponding earnings measure of the unlisted equity investments to measure the fair value. The directors believe that the estimated fair values resulting from the valuation technique, which are recorded in the consolidated statement of financial position, and the related changes in fair values, which are recorded in other comprehensive income, are reasonable, and that they were the most appropriate values at the end of the reporting period.

*(Expressed in thousands of Renminbi)*

## 24 FAIR VALUE MEASUREMENT OF FINANCIAL INSTRUMENTS (CONTINUED)

### (a) Financial instruments carried at fair value (Continued)

*Fair value hierarchy (Continued)*

The Group entered into trade receivables factoring arrangements and Asset-backed note transactions whereby it transferred trade receivables on tariff premium of renewable energy (the "Transferred Financial Assets") to unrelated third parties and derecognised the Transferred Financial Assets. The Group endorsed and factored a significant part of its bills receivables in its normal course of business. The Group managed its trade and bills receivables which generated cash flows resulting from both collecting contractual cash flows and selling the financial assets during the current year. Therefore, the Group measures trade and bills receivables at fair value through other comprehensive income. The fair values of trade and bills receivables were measured using the discounted cash flow model. The model incorporates various market observable inputs including the annualised yields of similar securitisation products and interest rate curves. The carrying amounts of trade and bills receivables are the same as their fair values.

### (b) Fair values of financial instruments not carried at fair value

The carrying amounts of the Group's financial instruments carried at amortised cost are not materially different from their fair values as at 30 June 2019 and 31 December 2018, except for the following:

| | At 30 June 2019 | At 31 December 2018 |
|---|---|---|

## 25 TRANSFERS OF FINANCIAL ASSETS

Transferred financial assets that are derecognised in their entirety

At 30 June 2019, the Group endorsed certain bills receivables accepted by banks in Mainland China to certain of its suppliers in order to settle the trade payables due to these suppliers with a carrying amount in aggregate of RMB251,403,000 (31 December 2018: RMB191,734,000) and factored certain bills receivables accepted by banks in Mainland China with a carrying amount in aggregate of RMB131,222,000 (31 December 2018: RMB95,500,000) (the "Derecognised Bills"). The Derecognised Bills have a maturity from one to six months at the end of the reporting period. In accordance with the Law of Negotiable Instruments in the PRC, the holders of the Derecognised Bills have a right of recourse against the Group if the banks in Mainland China default (the "Continuing Involvement"). In the opinion of the directors, the Group has transferred substantially all risks and rewards relating to the Derecognised Bills. Accordingly, it has derecognised the full carrying amounts of the Derecognised Bills and the associated trade payables. The maximum exposure to loss from the Group's Continuing Involvement in the Derecognised Bills and the undiscounted cash flows to repurchase the Derecognised Bills is equal to their carrying amounts. In the opinion of the directors, the fair values of the Group's Continuing Involvement in the Derecognised Bills are not significant.

During the period, the Group has not recognised any gain or loss on the date of transfer of the Derecognised Bills. No gains or losses were recognised from the Continuing Involvement, both during the period or cumulatively. The Group endorsed certain bills receivables accepted by banks in Mainland China to certain of its suppliers in order to settle the trade payables due to such suppliers (the "Endorsement"). The Endorsement has been made evenly throughout the period.

During the period, the Group entered into several trade receivables factoring arrangements (the "Factoring Arrangements") and transferred certain trade receivables to a bank. Under the Factoring Arrangements, the Group is not exposed to default risks of the trade receivables after the transfer. Subsequent to the transfer, the Group did not retain any rights on the use of the trade receivables, including the sale, transfer or pledge of the trade receivables to any other third parties. The original carrying value of the trade receivables transferred under the arrangement that have not been settled as at 30 June 2019 was RMB1,900,000,000 (31 December 2018: RMB5,289,968,000).

## 25 TRANSFERS OF FINANCIAL ASSETS (CONTINUED)

Transferred financial assets that are not derecognised in their entirety

On 17 September 2018, the Group completed the Asset-backed note (ABN) registration with a registered amount of RMB3,000,000,000. The registration amount is valid for 2 years. The ABN can be issued in instalments during the validity period of the registration.

On 14 November 2018, the first phase of the ABN was successfully issued with an aggregated amount of RMB1,010,000,000, whereby it transferred the trade receivables to special purpose entities. These special purpose entities are structured entities established with the narrow and well-defined objectives to provide investors opportunities to invest in those trade receivables and they generally finance the purchase of the trade receivables by issuing the ABN to investors. The Group assessed and determined that those structured entities need not be consolidated as the Group has no control over them.

In May 2019, the first revolving phase of the ABN was successfully issued with an aggregated amount of RMB438,279,000.

The original carrying value of the trade receivables transferred under the arrangement that had not been settled as at 30 June 2019 was RMB1,010,000,000 (31 December 2018: RMB579,529,000). Since the Group neither transferred nor retained substantially all the risks and rewards of ownership of the trade receivables and retained control of the underlying assets, the Group only recognised the transferred assets to the extent of its continuing involvement amounting to RMB9,855,000 (31 December 2018: RMB9,618,000) as other assets, and also recognised associated liabilities amounting to RMB9,855,000 (31 December 2018: RMB9,618,000) as other non-current liabilities, which approximate the maximum exposure to losses from its involvement in such arrangements and the unconsolidated structured entities.

## 26 CAPITAL COMMITMENTS

Capital commitments outstanding at the period/year end not provided for in the consolidated financial statements were as follows:

| | At 30 June 2019 | At 31 December 2018RMB'000201 |
|---|---|---|

## 28 MATERIAL RELATED PARTY TRANSACTIONS

### (a) Transactions with related parties

The Group is part of a larger group of companies under CHN Energy and has significant transactions and relationships with the subsidiaries of CHN Energy.

The principal transactions are as follows:

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Sales of goods/provision of services to | | |
| CHN Energy | – | 3 |
| Fellow subsidiaries | 17,276 | 19,411 |
| Associates and joint ventures | 75,218 | 74,783 |
| Purchase of goods/receipt of services from | | |
| Fellow subsidiaries | 597,591 | 597,821 |
| Associates and joint ventures | 662,446 | 528,403 |
| Working capital provided to | | |
| CHN Energy | 219 | 4,188 |
| Fellow subsidiaries | 34,232 | 1,491 |
| Associates and joint ventures | 3,794 | 49,536 |

## 28 MATERIAL RELATED PARTY TRANSACTIONS (CONTINUED)

(a) Transactions with related parties (Continued)

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Loans (repaid from)/provided to | | |
| Associates and joint ventures | (485,000) | 494,000 |
| Loans provided by | | |
| Fellow subsidiaries | (5,509) | (35,032) |
| Interest income | | |
| CHN Energy | – | 6 |
| Fellow subsidiaries | 4,949 | 6,331 |
| Associates and joint ventures | 30,899 | 7,662 |
| Interest expenses | | |
| Fellow subsidiaries | 10,430 | 15,897 |
| Deposits withdrawn from | | |
| Fellow subsidiaries | (311,982) | (1,109,297) |

## 28 MATERIAL RELATED PARTY TRANSACTIONS (CONTINUED)

### (b) Outstanding balances with related parties

As at 30 June 2019, deposits placed with a fellow subsidiary amounted to RMB1,646,062,000 (31 December 2018: RMB1,958,044,000). Details of material outstanding balances with related parties are set out in notes 14, 15, 16, 19, 20 and 21.

### (c) Transactions with other state-controlled entities in the PRC

The Group is a state-controlled entity and operates in an economic regime currently dominated by entities directly or indirectly owned or controlled by the PRC government and numerous government authorities and agencies (collectively referred to as "state-controlled entities").

Apart from transactions mentioned above, the Group conducted a majority of its business activities with state-controlled entities in the ordinary course of business. These transactions were carried out on terms similar to those that would be entered into with non-state-controlled entities. Transactions with other state-controlled entities included but were not limited to the following:

– Sales of electricity;wi

## 28 MATERIAL RELATED PARTY TRANSACTIONS (CONTINUED)

(c) Transactions with other state-controlled entities in the PRC (Continued)

Having considered the potential for transactions to be impacted by related party relationships, the Group's approval processes and financing policy, and what information would be necessary for an understanding of the potential effect of the relationship on the financial statements, management are of the opinion that the following transactions require disclosure as other state-controlled entities transactions:

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Sales of electricity | 11,253,198 | 10,996,550 |
| Sales of other products | 631,511 | 179,555 |
| Interest income | 10,833 | 23,648 |
| Interest expenses | 1,599,919 | 1,695,604 |
| Loans repaid | 1,402,489 | 1,534,264 |
| Deposits withdrawn from | (427,830) | (143,291) |
| Purchase of materials and receipt of construction services | 1,657,387 | 818,613 |
| Service concession construction revenue | 15,994 | 5,817 |

The balances of transactions with other state-controlled entities are as follows:

| | At 30 June 2019 | At 31 December 2018 |
|---|---|---|
| | *RMB'000* | *RMB'000* |
| Receivables from sales of electricity | 17,568,384 | 10,052,189 |
| Receivables from sales of other products | 73,061 | 230,323 |
| Bank deposits (including restricted deposits) | 341,632 | 769,462 |
| Borrowings | 43,281,181 | 44,683,670 |
| Payable for purchase of materials and receiving construction work services | 1,695,105 | 998,271 |

*(Expressed in thousands of Renminbi)*

## 28 MATERIAL RELATED PARTY TRANSACTIONS (CONTINUED)

### (d) Key management personnel remuneration

Remuneration for key management personnel is as follows:

| | Six months ended 30 June | |
|---|---|---|
| | 2019 | 2018 |
| | *RMB'000* | *RMB'000* |
| Salaries and other emoluments | 1,463 | 1,314 |
| Discretionary bonuses | 2,558 | 3,776 |
| Retirement scheme contributions | 486 | 382 |
| | 4,507 | 5,472 |

### (e) Commitments with related parties

| | At 30 June 2019 | At 31 December 2018 |
|---|---|---|
| | *RMB'000* | *RMB'000* |
| Capital commitments with Associates and joint ventures | 2,783,245 | 3,279,491 |

| | |
|---|---|
| "Audit Committee" | the audit committee of the Board |
| "average utilisation hour(s)" | the consolidated gross power generation in a specified period (in MWh or GWh) divided by the average consolidated installed capacity in the same period (in MW or GW) |
| "biomass" | plant material, vegetation, or agricultural waste used as a fuel |

| | |
|---|---|
| "electricity sales" | the actual amount of electricity sold by a power plant in a particular period of time, which equals gross power generation less comprehensive auxiliary electricity |
| "Group" | China Longyuan Power Group Corporation Limited* and its subsidiaries |
| "Guodian Group" | China Guodian Corporation ( • 7 7 e « Þ " ® !) |
| "GW" | unit of energy, gigawatt. 1 GW = 1,000 MW |
| "GWh" | unit of energy, gigawatt-hour. The standard unit of energy used in the electric power industry. One gigawatt-hour is the amount of energy that would be produced by a generator producing one gigawatt for one hour |
| "Hong Kong Stock Exchange" | The Stock Exchange of Hong Kong Limited |
| "kW" | unit of energy, kilowatt. 1 kW = 1,000 watts |
| "kWh" | unit of energy, kilowatt-hour. The standard unit of energy used in the electric power industry. One kilowatt-hour is the amount of energy that would be produced by a generator producing one thousand watts for one hour |
| "Listing Rules" | the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited |
| "load factor" | the ratio (expressed as a percentage) of the gross power generation generated by a power plant in a given period divided by the number of hours in the given period multiplied by the plant's installed capacity |
| "Model Code" | the "Model Code for Securities Transactions by Directors of Listed Issuers" set out in Appendix 10 to the Listing Rules |
| "MW" | unit of energy, megawatt.1 MW = 1,000 kW. The installed capacity of power plants is generally expressed in MW |

| | |
|---|---|
| "MWh" | unit of energy, megawatt-hour. The standard unit of energy used in the electric power industry. One megawatt-hour is the amount of energy that would be produced by a generator producing one megawatt for one hour |
| "renewable energy" | energy generated from sustainable sources that are regenerative or, for all practical purposes, cannot be depleted, such as wind, water or sunlight |
| "Reporting Period" | from 1 January 2019 to 30 June 2019 |
| "RMB" | Renminbi, the lawful currency of the PRC |
| "subsidiary(ies)" | has the meaning ascribed to it under the Listing Rules |

## THE COMPANY'S OFFICIAL NAME

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## THE COMPANY'S NAME IN ENGLISH

China Longyuan Power Group
Corporation Limited*

## REGISTERED OFFICE

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Xicheng District
Beijing
PRC

## HEAD OFFICE IN THE PRC

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PRC

## PRINCIPAL PLACE OF BUSINESS IN HONG KONG

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## THE BOARD

Non-executive Directors

Mr. Qiao Baoping (*Chairman of the Board*)
Mr. Liu Jinhuan
Mr. Luan Baoxing
Mr. Yang Xiangbin

Executive Directors

Mr. Jia Yanbing *(President)*
Mr. Huang Qun

Independent Non-executive Directors

Mr. Zhang Songyi
Mr. Meng Yan
Mr. Han Dechang

## THE COMPANY'S LEGAL REPRESENTATIVE

Mr. Qiao Baoping

## AUTHORISED REPRESENTATIVES

Mr. Jia Yanbing
Mr. Jia Nansong
Mr. Zhang Songyi (as Mr. Jia Yanbing's alternate)
Ms. Chan Sau Ling (as Mr. Jia Nansong's alternate)

* *For identification purpose only*

## JOINT COMPANY SECRETARIES

Mr. Jia Nansong
Ms. Chan Sau Ling

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## STOCK CODE

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