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INTERIM REPORT 2020



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JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

Jilin Province Chuncheng Heating Company Limited* (吉林省春城熱力股份有限公司) (the "Company", together with its subsidiaries, the "Group") was established in Changchun City, Jilin Province, the People's Republic of China (the "PRC") on 23 October 2017. Heat supply is the Group's core business. Over two decades' operating history of heat supply enabled the Group to accumulate extensive experience and gradually consolidate its leading position in the industry. The Company transmits heat to the main municipal areas in Changchun using the cogeneration technology, the best heat supply mode in the industry which is energy-saving, efficient and environmentally-friendly. During the Reporting Period, the on-grid heat service area of the Group in Changchun amounted to approximately 42.73 million sq.m. and the Group is responsible for the provision of heat supply services for approximately 350,000 residential and non-residential users in Changchun.

Apart from heat supply business, leveraging on its integration of the heat supply industry chain, high level of engineering construction qualifications and industry permits, excellent driving force and remarkable reputation, the Group has extended the coverage of its engineering construction, equipment maintenance and repair and heat supply industry design services to the entire Northeast region, effectively enhanced the production and service standards of heat supply enterprises in the Northeast region and strengthened the Group's brand influence in the industry.

In the face of new opportunities and challenges, the Group will continue to focus on its principal heating business, build up momentum for future development, prepare its visionary and ambitious blueprint, create momentum for development through collaboration and innovation, ensure people's livelihood through reform and practice, reward shareholders and serve the community with stable growth in performance and favourable development.



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The board of directors (the "Board") of Jilin Province Chuncheng Heating Company Limited (the "Company", "we", "us", or "our") hereby announces the unaudited operating results of the Company and its subsidiaries (together, the "Group") for the six months ended 30 June 2020 (the "Reporting Period"), together with comparative figures for corresponding period in 2019. For the six months ended 30 June 2020, the Group's revenue was RMB629.6 million, representing a decrease of 5.0% as compared with the corresponding period in 2019; profit before tax was RMB121.5 million, representing an increase of 5.2% over the corresponding period in 2019; profit attributable to owners of the Company was RMB89.6 million, representing an increase of 6.7% over the corresponding period in 2019; earnings per share was RMB0.19, representing a decrease of RMB0.05 over the corresponding period in 2019.

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In the first half of 2020, amidst the severe challenges posed by the COVID-19 pandemic and the complex and ever-changing domestic and international environment, the whole country holistically advanced various works concerning the prevention and control of COVID-19 pandemic as well as economic and social development and resolutely implemented various decisions and deployments under the strong leadership of the Central Committee of the Communist Party of China with Comrade Xi Jinping at the core. While implementing stringent anti-epidemic measures against the COVID-19 pandemic, the Company adhered to the principle of quality and efficiency-focused and reform and innovation-driven development, and continued to enhance its modernized corporate governance, increased investment for heat supply technology innovation, and broadened the channels for nurturing talents in the field of heat supply, and all these enabled the Group to maintain its leading position in the heat supply industry in Jilin Province.

I. BUSINESS REVIEW

In the first half of 2020, the Group has always focused on enhancing its overall strength and vigorously promoted technological innovation. Under the proper leadership of the Group's Party Committee and the Board of Directors, the quality of our heating services improved steadily while the construction, maintenance and design business progressed simultaneously. The Group also achieved remarkable results in mergers and acquisitions within the industry, and its overall operating results grew steadily as compared to the corresponding period in the previous year.

(1) Heat Supply Business

Heat supply is the Group's core business. Over two decades' operating history of heat supply enabled the Group to accumulate extensive experience in the heating industry and establish its leading position in the industry. In the first half of 2020, the Group continued to strengthen the operation, maintenance and management of its heat supply facilities, with various operational indicators showing steady improvement. The Group also carried out its heating business precisely and efficiently under the clean heating model of co-generation, fully leveraging the advantages of the smart heat supply network system.

As at 30 June 2020, the heat service area of the Group (including Xixing Energy) was approximately 42.73 million sq.m. (of which 3.23 million sq.m. were serviced by Xixing Energy), representing an increase of 4.38 million sq.m. from 38.35 million sq.m. for the corresponding period in 2019. As at 30 June 2020, the Group (including Xixing Energy) had 348,570 heat supply users (28,237 of which were serviced by Xixing Energy), representing an increase of 41,604 users from 306,966 users for the corresponding period in 2019. From 1 January 2020 to 30 June 2020, the revenue of the Group from heat supply business amounted to RMB555.6 million, representing an increase of approximately RMB22.6 million, or 4.2%, from RMB533.0 million for the corresponding period in 2019.

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Customers

Customers of our heating business are generally residential and non-residential users within the Company's heat service area. The table below sets out a breakdown of the number of, and revenue contribution by, residential and non-residential users for the six months ended 30 June 2020.

	As at 30 June 2020 Number of % of revenue customers from heat supply		As at	30 June 2019
			Number of customers	% of revenue from heat supply
Residential users ⁽¹⁾	285,146	66.0%	270,130	66.9%
Non-residential users(2)	35,187	34.0%	36,836	33.1%
Total	320,333	100%	306,966	100%

Notes:

(1) The number of residential users is per household.

(2) Non-residential users include commercial users and other users which primarily include industrial users, corporate users and underground car park users, etc.

Heat procurement

In 2020, the Company continued its operation of clean heating through cogeneration and provided heat supply service covering an area of 39.5 million sq.m. in Changchun. Heat source of the Company was entirely from three local cogeneration plants, in particular, our primary pipelines are the only primary heat supply pipelines connecting No.4 Cogeneration Plant and No.5 Cogeneration Plant with the inner urban areas of Changchun. Through the integrated heat distribution network and effective control under the smart heating network system, the heat efficiency and safety of the Company have been further improved, and we are able to control the distribution of heat purchased to a certain extent, thus taking proactive initiatives in the heating market of Changchun. Currently, the heat purchased from the cogeneration plants is able to meet all of the Company's needs for its heat supply business.

According to the relevant documents issued by Changchun Municipal Development and Reform Commission, the heat procurement price was RMB34/GJ (9% VAT included) for January to June 2020. As at 30 June 2020, the total heat procurement by the Group amounted to 12.56 million GJ with heat procurement cost amounted to RMB410.1 million, and 8.14 million GJ of heat was used for the Company's heat production purpose.

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Heat transmission

For the six months ended 30 June 2020, approximately 4.4 million GJ of the heat procurement quota the Company obtained from the cogeneration plants was transferred to four other heat service providers. We received a total heat transmission fee of RMB13.4 million, representing an increase of 134.9% from the corresponding period in 2019. Heat supply procured from the cogeneration plants is first used to satisfy our own needs for heat supply.

The following table sets forth the breakdown of the usage of the Company heat procurement from January to June 2020 and the corresponding period in 2019:

	As at 30 June		
	2020	2019	
Estimated heat procurement quota (GJ) ⁽¹⁾	14,180,000	12,190,000	
Heat procurement quota transferred (GJ) ⁽²⁾	4,418,099	2,947,777	
Actual consumption (GJ) ⁽³⁾	8,139,573	8,535,346	
Total heat procured ⁽⁴⁾	12,557,672	11,483,123	
Utilization rate (%) ⁽⁵⁾	57.4%	70.0%	
Heat service area (million sq.m.) ⁽⁶⁾	39.50	38.35	

Notes:

- (1) The heat procurement quota was an estimate of the heat procurement prior to each heat supply period based on the historical heat procurement amount.
- (2) During the Reporting Period, we transferred certain portion of procured heat to four other heat service providers. We charged heat transmission fees accordingly.
- (3) Actual consumption of our heat procured represents the aggregate amount of actual supply and consumption data each month as recorded by the measuring equipment and reviewed and agreed by each of three local cogeneration plants and us.
- (4) The total heat procured was the sum of heat procurement quota transferred and the actual consumption. Procurement of heat exceeding the estimated heat procurement quota is subject to supplemental agreements between the cogeneration plants and us. Starting from the heat supply period of 2019-2020, the ex-factory price of heat supply of the cogeneration enterprises has been adjusted to RMB34/GJ (9% VAT included), and the price mechanism negotiated between the heat generation enterprises and the heat supply enterprises has been cancelled.
- (5) Utilization rate of heat procurement is calculated as to the actual consumption divided by estimated heat procurement quota.
- (6) Gross floor areas covered by heat supply include both the heat service area which we fully and partially charge for our heat fees.

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Smart heat supply network system

In the first half of 2020, the Company strongly supported technological innovation and was committed to continuously improving the level of heat production automation and electrification, and continued to lead the heat supply industry in the application of advanced technology. In the area of the construction of smart heat network system, the Company is mainly exploring the following directions:

- 1. Big data system for smart heat supply
 - (1) Establishing a multi-dimensional heat supply data warehouse and a data middle-platform system supported by multi-computational methods to achieve cross-system data correlation, enhance computational and statistical capabilities, and optimize results of analysis; providing supporting services to meet the needs of various departments of the Group and avoiding duplication of construction in the future;
 - (2) Integrating the three elements of heat production, management and service, establishing correlation, relational and regression models tailored for the heating business, analyzing the non-linear interrelationship of data, and realizing various trend predictions, anomaly detection and prediction, behavioral personas for heat supply, revenue and loss attribution analysis, etc., such that the system operation supports fundamental corporate behavior and the data value supports decision optimization and strategic direction;
 - (3) Realizing smart heating supported by artificial intelligence. Establishing the most robust computational power for heat supply, making dynamic and responsive decisions and commands based on natural factors, factors affecting user demand, and changes in the production system to realize the linkage across heat supply elements, and realizing on-demand heat supply for users with professional support on the premise of maximizing energy saving and environmental protection.
- 2. 3D pipeline map
 - (1) Creating a virtual reality 3D digital piping system outlining all heat supply elements, including heat sources, distribution pipeline network, various types of heat exchange stations, distribution pipeline network stations, and user access equipment. In addition to describing the static physical properties of the elements, it will also describe the dynamic properties associated with heat supply;
 - (2) The existing system to be interfaced with the 3D digital pipeline system to realize the digital sandbox for heating command, which would allow scenario-based observation over the operation of heat supply elements and make decisions and formulate detailed command plans accordingly;
 - (3) The utilization of the 3D digital pipeline system as the entrance to each system, to perform scenario-based and qualitative check and review on the system feedback data, and also to perform drill down to achieve data traceability on a quantitative basis, so as to achieve the integration of the various systems.

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Heat supply emergency repair

The Company has always attached great importance to the quality of its heat supply services, while striving to optimize user experience, the Group has adopted a "zero tolerance" attitude towards the failure of heat supply facilities. In order to improve the efficiency of emergency repair of heat supply facilities, the Group introduced reforms to the emergency repair mechanism, improved the equipment level of the Pipeline Company, and carried out repairs and maintenance in strict compliance with the heat supply emergency repair plan and procedures. In the first half of 2020, the Company basically eliminated heat supply interruptions caused by failures of heat supply facilities.

Technological achievements

The Company, with cogeneration as its backbone, continues to embrace new production and operation ideas, commits to the research and development of technology in the heating industry, enhances the application of technological advancement in the heating industry, and gradually advances towards precise fine-tuning and exact heat supply. In the first half of 2020, the Group was granted a total of 50 patents and software copyrights, covering various areas such as heat supply equipment modification and upgrade, process construction and modification, monitoring and control over heat supply operation, industrial design, and enhancement of office automation.

Meanwhile, the Company also developed 6 software systems to enhance information management and conducted 4 optimization designs and studies, namely "Optimization design study of fixed abutment structure of directly-buried heat supply pipelines", "Optimization design and experimental study of built-in heat supply pipeline support and back anchor nodes in pipeline corridor", "Design and experimental study of pre-set wireless signal transmission device in underground well chamber", "Research on new sealing materials for gaps created by PE-RT II pipeline passing through wall"; 1 research and development project, namely "Research and development of heat supply equipment with heat storage function based on solar energy and peak-to-valley power"; 1 technology retrofit for the implementation of "An online flushing device to change the direction of fluid in a plate heat exchanger", "Primary water mixing System based on distributed pumps" and "Remote patch and plug-in return water temperature collector", all of the above represent encouraging and remarkable achievements.

Xixing Energy

On 8 June 2020, the Group entered into an equity transfer agreement with Changchun FAWSN Group Co., Ltd. (長春一汽富晟集團有限公司) ("Changchun FAWSN") for the acquisition of 50% equity interest in Xixing Energy held by Changchun FAWSN. The equity transfer price paid by the Group amounted to RMB52.0 million. For details, please refer to the announcements of the Company dated 8 June 2020 and 11 June 2020. Upon completion of the transaction, the Group holds 100% equity interest in Xixing Energy and Xixing Energy has become a wholly-owned subsidiary of the Group. After the completion of the merger and acquisition, the Group's heat service area increased by approximately 8.1% and the number of users increased by approximately 8.8%, which is of great significance to the Group's expansion of its heat service area coverage and enhancement of its brand image.

As at 30 June 2020, the heat service area of Xixing Energy was 3.23 million sq.m., with a total of 28,237 users, of which 24,653 were residential users and 3,584 were non-residential users. In the first half of 2020 (January to April), Xixing Energy supplied a total of 0.54 million GJ of heat to its heat service area, of which 0.35 million GJ was generated by its own heat production and 0.19 million GJ was purchased from third party.

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(2) Construction, Maintenance and Design Services

The Group's construction, maintenance and design services cover the peripheral services business of the heat supply industry chain. Our main services include engineering construction, engineering maintenance, design services and electrical and instrument maintenance. These services mainly cover Northeast China. For the six months ended 30 June 2020, revenue generated from the Group's construction, maintenance and design services amounted to RMB74.0 million, representing a decrease of RMB55.7 million, or 42.9%, from RMB129.7 million for the corresponding period in 2019.

1. Engineering construction

For the six months ended 30 June 2020, revenue generated from engineering construction amounted to RMB23.2 million, representing a decrease of RMB61.3 million, or 72.6%, from RMB84.5 million for the corresponding period in 2019. This was mainly due to no new large-scale projects were undertaken during the period, resulting in a relatively lower volume of projects undertaken in the first half of 2020 as compared to the corresponding period in 2019.

In the first half of 2020, our engineering construction business was mainly focused on the following: (1) preparing for bidding, procurement of raw materials and initial design of projects for potential projects, so as to be well prepared for more market opportunities and challenges ahead; (2) making reasonable arrangements for the progress of "Three Supplies and Property Management ($\equiv \#$)" projects and completing the closeout for those projects with excellent quality and quantity assurance; (3) enhancing team building, optimizing management efficiency, taking advantage of the seasonal decrease in project volume in spring to strengthen the sorting and classification of basic data such as settlements and statistics, so as to improve the efficiency of the closeout of construction projects.

2. Engineering maintenance

For the six months ended 30 June 2020, revenue generated from engineering maintenance amounted to RMB46.6 million, representing an increase of RMB8.5 million, or 22.3%, from RMB38.1 million for the corresponding period in 2019. This was mainly due to the addition of "Three Supplies and Property Management" projects.

In the first half of 2020, our engineering maintenance business was mainly focused on the following: (1) steadily advancing the construction progress of the "Three Supplies and Property Management" projects in a number of cities in Jilin Province to ensure that the engineering maintenance work would be completed within the required time frame and in accordance with the task planning; (2) maintaining the volume of engineering maintenance business in Changchun and optimizing the engineering maintenance business model by leveraging the scale our heat supply business; (3) expanding and broadening our revenue channels in a multi-dimensional manner by tapping into new businesses such as cleaning services, sales of crystal products and entrusted services of operation and maintenance, which will open up new directions for the future development of the engineering maintenance business.

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3. Design services

For the six months ended 30 June 2020, revenue generated from design services amounted to RMB3.4 million, remained at a similar level as compared with RMB3.4 million for the corresponding period in 2019.

In the first half of 2020, the engineering design business was mainly focused on the following: (1) the addition of new design service agreements, the number of which remained at a similar level with the corresponding period last year, and the volume of business remained stable amid the COVID-19 pandemic; (2) further increasing efforts and investment in technological innovation and research and development projects, with two new utility model patents and two new software copyrights granted in the first half of 2020, laying a solid foundation for the development direction of technological innovation and research and development; (3) carrying out school-enterprise cooperation projects with universities and higher education institutions. Our design service team has cooperated with Jilin University and Changchun Institute of Technology in a number of research projects to continue to facilitate the Group's transformation into an innovative modern enterprise with the latest results of intelligent technology research.

(3) Safety Management

In the first half of 2020, during the special period of epidemic prevention and control, the Group has always focused on "fighting epidemic", "maintaining heat supply" and "preventing accidents", and has comprehensively strengthened its safety management efforts without any slackening or compromise, ensuring the safe and stable operation of the Group's various production operations while effectively safeguarding the personal safety of its employees. The Group strictly adhered to its production safety accountability system, continuously improved its production safety management model, launched specific safety improvement activities, investigated potential safety hazards in product level by level, and focused on safety control in key areas and important links. The Group has comprehensively strengthened safety education and emergency drills and training during non-heat supply periods to enhance the safety precautions and emergency awareness of its staff and effectively enhanced the safety management level of the Group. During the Reporting Period, the Group did not encounter any major safety incidents.

II. FINANCIAL POSITION AND OPERATING RESULTS

(1) Revenue

For the six months ended 30 June 2020, the Group's revenue decreased by 5.0% to RMB629.6 million as compared with RMB662.7 million for the corresponding period in 2019, primarily due to the decline in the Group's revenue from its construction, maintenance and design business. (i) For the six months ended 30 June 2020, revenue of heat supply business increased by 4.2% to RMB555.6 million as compared with RMB533.0 million for the corresponding period in 2019, primarily attributable to the increase in heat service area of the Group during the period; (ii) for the six months ended 30 June 2020, revenue of construction, maintenance and design business decreased by 42.9% to RMB74.0 million as compared with RMB129.7 million for the corresponding period in 2019, mainly due to the fact that the construction, maintenance and design segment did not undertake any new large-scale projects during the period, resulting in a relatively lower volume of projects undertaken in the first half of 2020 as compared to the corresponding period in 2019.

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The respective segment revenue of the Group is set out as follows:

	For the six months end 30 June		Percentage
	2020	2019	of change
	RMB'000	RMB'000	
Heat supply, of which:			
 Provision and distribution of heat 	515,555	500,763	3.0%
 Pipeline connection fee 	27,707	27,002	2.6%
– Heat transmission	12,296	5,189	137.0%
Subtotal	555,558	532,954	4.2%
Construction, maintenance and design			
services, of which:	22.460	94 540	-72.6%
 Engineering construction Engineering maintenance 	23,169 46,642	84,549 38,140	-72.0%
 Engineering maintenance Design services 	3,448	3,408	1.2%
– Others	779	3,641	-78.6%
Subtotal	74,038	129,738	-42.9%
Total	629,596	662,692	-5.0%

(2) Other Income and Other Gains, Net

For the six months ended 30 June 2020, the Group's other income and other gains, net increased by 69.4% to RMB8.3 million as compared with RMB4.9 million for the corresponding period in 2019, primarily due to (i) an exchange gain of RMB2.6 million recognized for the six months ended 30 June 2020 as a result of the proceeds from the Company's Listing in October 2019 and the appreciation of HKD against RMB which led to an increase in exchange gain; (ii) loss on a previously held equity interest remeasured at fair value on the acquisition date with the amount of RMB4.3 million, mainly due to the acquisition of Xixing Energy during the period; (iii) interest income on bank deposits of RMB6.4 million recognized for the six months ended 30 June 2020, representing an increase of 64.1% as compared to RMB3.9 million for the corresponding period in 2019. The increase in interest income was attributable to the increase in bank deposits as a result of the proceeds from the Company's Listing in October 2019.

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(3) Cost of Sales

For the six months ended 30 June 2020, the Group's cost of sales decreased by 7.2% to RMB478.1 million as compared with RMB515.2 million for the corresponding period in 2019. The following table sets out a breakdown of the cost of sales by business segment:

	For the six month	s end 30 June	Percentage
	2020	2019	of change
	RMB'000	RMB'000	
Cost of sales by business segment			
Heat supply	415,399	406,007	2.3%
Construction, maintenance and design			
services	62,744	109,178	-42.5%
Total	478,143	515,185	-7.2%

Heat supply costs

Cost of sales for heat supply business primarily consists of heat procurement costs in connection with heat procurement from the local cogeneration plants, maintenance and repair, labor cost which primarily includes wages, salaries and benefits for our employees involved in provision and distribution of heat and utility cost.

The breakdown of cost of sales by component for the heat supply business is as follows:

	For the six month	s end 30 June	Percentage
	2020	2019	of change
	RMB'000	RMB'000	
Cost of sales for heat supply			
Heat procurement cost	252,977	245,346	3.1%
Maintenance and repair	20,426	16,450	24.2%
Labor	42,450	41,664	1.9%
Depreciation and amortization	42,901	43,579	-1.6%
Utility	31,092	29,657	4.8%
Input VAT transferred out	19,651	22,868	-14.1%
Others	5,902	6,443	-8.4%
Total	415,399	406,007	2.3%

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For the six months ended 30 June 2020, the Group's heat procurement cost increased by 3.1% to RMB253.0 million as compared with RMB245.3 million for the corresponding period in 2019, primarily due to an increase in the heat service area and the costs of heat procurement from cogeneration plants in 2020.

For the six months ended 30 June 2020, the Group's maintenance and repair costs increased by 24.2% to RMB20.4 million as compared with RMB16.5 million for the corresponding period in 2019, primarily due to the addition of the "Balancing Heating Between Homes" project during the current period.

For the six months ended 30 June 2020, the Group's input VAT transferred out decreased by 14.1% to RMB19.7 million as compared with RMB22.9 million for the corresponding period in 2019, primarily due to the increase in the proportion of income not exempt from tax to all income for the current period as compared to the corresponding period in 2019.

Costs of construction, maintenance and design services

Cost of sales for construction, maintenance and design services primarily consists of cost of materials, labor, machinery and other costs. For the six months ended 30 June 2020, the cost of sales for construction, maintenance and design services decreased by 42.5% to RMB62.7 million as compared with RMB109.2 million for the corresponding period in 2019. The change in cost of this business was generally in line with the decrease in revenue from construction, maintenance and design services.

(4) Gross Profit and Gross Profit Margin

For the six months ended 30 June 2020, the Group's gross profit increased by 2.7% to RMB151.5 million as compared with RMB147.5 million for the corresponding period in 2019, mainly due to the steady increase in gross profit as the Company's heating business grew in line with the increase in its heat service area.

(5) Administrative Expenses

For the six months ended 30 June 2020, the Group's administrative expenses increased by 8.3% to RMB44.3 million as compared with RMB40.9 million for the corresponding period in 2019, primarily due to increase in administrative expenses as a result of the addition of required management personnel upon Listing for management purposes.

(6) Finance Costs

For the six months ended 30 June 2020, the Group's finance costs decreased by 81.8% to RMB0.8 million as compared with RMB4.4 million for the corresponding period in 2019, primarily due to the loan repayment of the Group in the second half of 2019.

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(7) Share of Profits and Losses of a Joint Venture

On 11 June 2020 (the acquisition date), the Company acquired Xixing Energy, a joint venture, for which investment gain of RMB1.4 million was recognized for January to May 2020, an increase of RMB3.1 million over the corresponding period in 2019, with the recognition of profit for January to May 2020 resulting from the heating income generated during the heating period from January to April 2020.

(8) Income Tax Expense

For the six months ended 30 June 2020, the Group's income tax expense increased by 1.3% to RMB31.9 million as compared with RMB31.5 million for the corresponding period in 2019, mainly due to the increase in taxable income as calculated in accordance with the Enterprise Income Tax Law and its relevant regulations.

(9) **Profit for the Period**

For the six months ended 30 June 2020, the Group's profit for the period increased by 6.7% to RMB89.6 million as compared with RMB84.0 million for the corresponding period in 2019. The increase in net profit of RMB5.6 million as compared to the corresponding period of 2019, was due to an increase in gross profit margin of the heating business despite the slight decrease in revenue and costs.

(10) Profit Attributable to the Owners of the Company

For the six months ended 30 June 2020, the Group's profit attributable to the owners of the Company increased by 6.7% to RMB89.6 million as compared with RMB84.0 million for the corresponding period in 2019. As the consolidated subsidiaries of the Group are wholly-owned by the Company, the profit attributable to the owners of the Company was consistent with the profit for the period.

(11) Liquidity and Capital Resources

The Group's cash and cash equivalents decreased by 36.9% to RMB441.5 million as at 30 June 2020 as compared with the balance of RMB699.9 million as at 31 December 2019, primarily due to (i) cash payments of RMB234.1 million for goods and services, resulting in a net cash outflow from operating activities of RMB282.7 million; (ii) payments for purchases of fixed assets and acquisition of a subsidiary during the period, resulting in a net cash outflow from investing activities of RMB37.6 million; and (iii) new borrowings of RMB70.1 million and dividend payments of RMB4.7 million during the period, resulting in a cash inflow from financing activities of RMB59.2 million.

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(12) Capital Expenditure

The Group's capital expenditure decreased by 14.9% to RMB7.4 million for the six months ended 30 June 2020 as compared with RMB8.7 million for the corresponding period in 2019. The capital expenditure is mainly due to the purchase of property, plant and equipment.

(13) Capital Structure

As at 30 June 2020, the equity attributable to owners of the Company increased by RMB10.2 million to RMB850.7 million as compared to 31 December 2019, primarily due to the declaration of the final dividend for the year 2019 during the year and the increase in net profit for the current period. As at 30 June 2020, the Group had interest-bearing bank and other borrowings amounting to approximately RMB80.8 million with fixed interest rates ranging from 4.02% to 4.35% per annum.

Gearing ratio represents the percentage of total interest-bearing liabilities (comprises interest-bearing bank and other borrowings and lease liabilities) at the end of each financial period (after deduction of cash and cash equivalents) over total equity. As at 30 June 2020, the Group's cash and cash equivalents exceeded its total interest-bearing liabilities.

(14) Material Acquisitions and Disposals

On 8 June 2020, the Group entered into an equity transfer agreement with Changchun FAWSN Group Co., Ltd.* (長春一汽富晟集團有限公司) ("Changchun FAWSN") to acquire a 50% equity interest in Xixing Energy held by Changchun FAWSN. The Group settled the consideration of RMB52.0 million for the equity transfer. The Group held 100% equity interest in Xixing Energy and Xixing Energy became a wholly-owned subsidiary of the Group upon completion of the transaction. For details, please refer to the announcements of the Company dated 8 June 2020 and 11 June 2020.

(15) Pledge of Assets

As at 30 June 2020, the Group did not have any charge on its assets.

(16) Contingent Liabilities

As at 30 June 2020, the Group did not have any material contingent liabilities.

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III. RISK FACTORS AND RISK MANAGEMENT

(1) Industry Risk

The pricing of heat sources in the heat supply industry is usually subject to regulation and control by government departments, and the heat supply enterprises cannot have the right to regulate the purchase price of heat sources directly. In addition, the prices of services provided by the Group's engineering construction, maintenance and design business are also subject to control and regulation under government policies. Therefore, the Group's operations may be affected by adjustments to relevant laws and regulations as well as local policies in the PRC.

The Group will continue to exercise effective cost control, strengthen internal supervision and control as well as enhance its ability to respond timely to market changes so as to achieve a people-oriented and demand-driven heat supply system. The Group will also strive to enhance its intelligent management capability to ensure the quality of heat supply services in order to cope with various industry risks.

(2) Policy Risk

Changes in national and local government policies have a profound impact on the industry. From the perspective of national policies, the development of environmentally friendly, energy-saving and sustainable green cities will become the trend of urban heat supply in the future. In recent years, the PRC government has attached great importance to the monitoring of environmental protection issues by laws and regulations, and has issued a series of environmental protection policies and imposed further restrictions and requirements targeting pollution issues in relevant industries.

In formulating its future development goals and directions, the Group will adhere to the principles and requirements set out in various national and local government economic policies, industrial policies, as well as laws and regulations.

(3) Climate Risk

The cost of heating for the heat supply segment is significantly affected by the weather conditions during the heating period. The Company needs to purchase more heat to maintain the desired in-room temperature for its customers when the outdoor temperature is low during the heating period, which will increase the overall cost of the heating business and vice versa.

The Group will fully leverage the smart heating network system to regulate its heat supply capacity and adopt an intelligent control system for rational distribution of heat supply in order to cope with the risk of climate change on the Company's cost structure.

(4) Exchange Risk

The Group's business activities are mainly conducted in the PRC and its borrowings are also settled in RMB. Changes in exchange rates do not have a material effect on the Group.

IV. PROSPECTS AND OUTLOOK

In 2020, while implementing stringent anti-epidemic measures amid the COVID-19 pandemic, the Group will continue to develop its heat supply business, leverage its advantages in the industrial chain, maintain its steadfast approach in leading industry development with new development concepts, focus on scientific and technological innovation, technological upgrade and clean energy development. The Group will also strive to enhance its innovation and leadership and expand its assets scale to consolidate its leading position in the industry and achieve outstanding results for the sustainable development of the Company.

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

(1) **Prospects of the Heat Supply Business**

In recent years, the PRC government has been proactively carrying out reform of the heat supply system. Large local enterprises are encouraged to facilitate the consolidation of the heat supply industry. As the largest heat supply company in Jilin Province, the Group will make full use of the service coverage in its heat supply business, facilitate industrial consolidation and expand the scale of its core businesses, improve the quality of heating and service in order to further secure its leading position in the industry.

The Group will continue to actively promote the use of clean energy for heating in order to achieve higher quality in business development. Meanwhile, the Group will continue to explore new heat supply systems, with a view to establish a new heating supply system with co-generation as the main heating source and other clean energy as complementary sources. On the basis of the current intelligent regulation and control at the primary network level, the Group will gradually realize joint control of the network and source, and gradually move towards pinpoint control and precise heat supply. The application and promotion of new energy heating technology will enable the Group to develop the most cost-competitive new energy heating technology, thus creating new drivers for profit growth while defending the blue sky for future generations.

The Group will increase its efforts and investment in heating-related scientific and technological innovation as well as technology research and development, encourage in-house research and development projects and apply such results into its business operation. With the use of technologies such as intelligent integrated network, 5G transmission and big data analysis, the Group will further expand the functions of its smart heating network system to be efficiently applied to each sector of operations including heat production and operation adjustment. The Group will also strive to lower its production and operation costs and increase heat utilization efficiency, thereby boosting its business performance.

(2) Prospects of the Construction, Maintenance and Design Business

In the face of the opportunities and challenges arising from the country's "New Infrastructure", the Group will further enhance its independent research and development capabilities on the basis of improving the smart heating network platform and heating network interconnection and intercommunication, increase and extend the channels for promoting the construction, maintenance and design business segment, and expand the revenue-generating capability of this segment in a multi-dimensional manner. In the second half of the year, we will further enhance the technology and service level of our construction, maintenance and design business. On the basis of our existing businesses, we will enhance and increase our professional qualifications, establish a sound and comprehensive mechanism for the commercialization of our scientific and technological achievements, and promote our industrial upgrading with our existing intellectual property rights and patented technologies, so as to achieve the economic development of the Group and safeguard people's livelihood with heat supply. Meanwhile, we will also focus on the advancement and completion of existing projects, optimize business processes, improve service quality and build our brand reputation, laying a solid foundation for the successful completion of various tasks throughout the year and promote quality development.

The Group will also extend its market influence, broaden its customer base and raise risk prevention awareness. We will also capture every business development opportunity and endeavor to raise our core competitiveness so as to reward our Shareholders with excellent results.

V. EVENTS AFTER THE REPORTING PERIOD

There were no other important events or transactions affecting the Group from 30 June 2020 to the date of this report.



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CORPORATE GOVERNANCE PRACTICES

The Company has always been committed to enhancing its corporate governance standard and regarded corporate governance as an integral part to creating 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, Board of Directors, Board of Supervisors and senior management with reference to the code provisions as set out in the Corporate Governance Code contained in Appendix 14 of the Listing Rules and the requirements of the Articles of Association. The Company has also adopted the Corporate Governance Code as its own corporate governance practices.

COMPLIANCE WITH CORPORATE GOVERNANCE CODE

The Board is committed to maintaining high corporate governance standards. The Board believes that high corporate governance standards are essential in safeguarding the interests of the Shareholders and enhancing corporate value and accountability. The Company has applied the principles set out in the Corporate Governance Code contained in Appendix 14 of the Listing Rules.

The Directors consider that the Company has complied with the applicable code provisions set out in the Corporate Governance Code during the Reporting Period.

COMPLIANCE WITH THE MODEL CODE FOR SECURITIES TRANSACTIONS BY DIRECTORS, SUPERVISORS AND RELEVANT EMPLOYEES

The Company has adopted the Appendix 10 of the Listing Rules as the Model Code for Directors, Supervisors and relevant employees of the Company in dealing in securities of the Company. Based on the specific enquiry made by the Company with all Directors and Supervisors, all Directors and Supervisors confirmed that they had strictly complied with the required standard set out in the Model Code during the Reporting Period.

The Company is not aware of any non-compliance of the Model Code by the Directors, Supervisors or relevant employees during the Reporting Period.

DIRECTORS' RESPONSIBILITIES IN RELATION TO THE FINANCIAL STATEMENTS

The Directors acknowledge their responsibility in relation to the preparation of the financial statements and accounts of the Company and to ensure that the financial statements of the Company are prepared in accordance with the relevant regulations and applicable accounting standards and that the financial statements of the Company are published in a timely manner.

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. Wang Yuguo, Mr. Fu Yachen and Mr. Poon Pok Man.

The first meeting of the independent non-executive Directors of the Company was held on 10 January 2020, at which the meeting was mainly held to discuss matters relating to the asset acquisition scheme.



JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

AUDIT COMMITTEE

The Company has established the Audit Committee with written terms of reference in compliance with the Listing Rules, the terms of reference of which are available on the websites of the Hong Kong Stock Exchange and the Company. During the Reporting Period, the Audit Committee comprised three Directors, namely Mr. Poon Pok Man (independent non-executive Director), Mr. Liu Changchun (non-executive Director) and Mr. Wang Yuguo (independent non-executive Director). Mr. Poon Pok Man is the chairman of the Audit Committee.

During the six months ended 30 June 2020, the Audit Committee held 3 meetings. The Company held the first meeting of the Audit Committee for 2020 on 20 January 2020, at which the external auditor's audit plan for 2019 and related work arrangements was presented and a resolution on the Company's "Audit Plan for 2019" was passed.

The Company held the second meeting of the Audit Committee for 2020 on 30 March 2020, at which the external auditor's report on the audit of the financial statements of the Company for the year ended 31 December 2019 was received and the following resolutions were considered and passed:

- Resolution on the review of the effectiveness of the Company's financial controls, internal controls and risk management;
- (2) Resolution on the review of the effectiveness of the 2019 internal audit process and the approval of future internal audit plans, fee budgets, and other related matters;
- Resolution on the status of the 2019 Connected Transactions and Implementation of the Regulations Governing Connected Transactions;
- (4) Resolution on the 2019 Audited Consolidated Financial Statements (Near Final Version);
- (5) Resolution on the 2019 Annual Results Announcement (Near Final Version);
- (6) Resolution on the 2019 Annual Report (Near Final Version);
- (7) Resolution on the re-appointment of Ernst & Young as external auditor.

The Company held the third meeting of the Audit Committee for 2020 on 8 June 2020, at which a resolution was passed in relation to the amendment of the "Management Regulations on Connected Transactions of Jilin Province Chuncheng Heating Company Limited* (吉林省春城熱力股份有限公司)".

The Audit Committee of the Company has reviewed and confirmed the announcement of the Group's interim results for the six months ended 30 June 2020, the interim report for 2020 and the unaudited interim financial statements for the six months ended 30 June 2020 prepared in accordance with the requirements of International Accounting Standard ("**IAS**") 34, Interim Financial Reporting.

The interim financial information is unaudited but has been reviewed by Ernst & Young, the independent auditors of the Company, in accordance with the 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.



REMUNERATION COMMITTEE

The Company has established the Remuneration Committee with written terms of reference in compliance with the Listing Rules, the terms of reference of which are available on the websites of the Hong Kong Stock Exchange and the Company. During the Reporting Period, the Remuneration Committee comprised three Directors, namely, Mr. Fu Yachen (an independent non-executive Director), Mr. Xu Chungang (an executive Director) and Mr. Poon Pok Man (an independent non-executive Director). Mr. Fu Yachen is the Chairman of the Remuneration Committee.

The Company held the first meeting of the Remuneration Committee for 2020 on 30 March 2020, at which resolutions were passed in relation to the review of the remuneration, remuneration policy and remuneration structure of the Directors, Supervisors and senior management.

NOMINATION COMMITTEE

The Company has established the Nomination Committee with written terms of reference in compliance with the Listing Rules and its terms of reference are available on the websites of the Hong Kong Stock Exchange and the Company. During the Reporting Period, the Nomination Committee comprised three Directors, namely Mr. Wang Yuguo (an independent non-executive Director), Mr. Yang Zhongshi (an executive Director) and Mr. Fu Yachen (an independent non-executive Director). Mr. Wang Yuguo is the chairman of the Nomination Committee.

The Company held the first meeting of the Nomination Committee for 2020 on 30 March 2020 and considered and passed the following resolutions.

- (1) Resolution on the review of the structure, size, composition and diversity of the Board.
- (2) Resolution on the review of the independence of the independent non-executive Directors.
- (3) Resolution on the review of the leadership and contributions of Directors.
- (4) Resolution on the review of the policy on nominating Directors.
- (5) Resolution on the performance of the Company's corporate governance functions and related matters.

STRATEGY COMMITTEE

The Company has established the Strategic Committee with written terms of reference in compliance with the Listing Rules and its terms of reference are available on websites of the Hong Kong Stock Exchange and the Company. During the Reporting Period, the Strategic Committee comprised three Directors, namely Mr. Liu Changchun (a non-executive Director), Mr. Wang Yuguo (an independent non-executive Director) and Mr. Shi Mingjun (an executive Director). Mr. Liu Changchun is the chairman of the Strategic Committee.

During the six months ended 30 June 2020, the Strategic Committee held a total of 2 meetings. The Company held the first meeting of the Strategic Committee for 2020 on 30 March 2020, at which a resolution was passed to review the implementation of the Company's medium and long term strategic plan.

The Company held the second meeting of the strategic committee for 2020 on 8 June 2020, at which a resolution was passed in relation to the acquisition of 50% equity interest in Changchun FAW Sihuan Kinetic Company Limited* (長春一 汽四環動能有限公司).

OTHER INFORMATION

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

SHARE CAPITAL

As at 30 June 2020, the total share capital of the Company comprised 466,700,000 Shares, divided into 350,000,000 Domestic Shares and 116,700,000 H Shares, with par value of RMB1.00 each. After the Listing of the H Shares on the Main Board of the Hong Kong Stock Exchange, the Company did not issue any new shares in exchange for cash.

INTERIM DIVIDEND

The Board does not recommend the payment of an interim dividend for the six months ended 30 June 2020.

PURCHASE, SALE OR REDEMPTION OF LISTED SECURITIES OR REDEEMABLE SECURITIES OF THE COMPANY

Neither the Company nor any of its subsidiaries purchased, sold or redeemed any of the Company's listed securities or redeemable securities for the six months ended 30 June 2020.

CONVERTIBLE SECURITIES, OPTIONS, WARRANTS OR SIMILAR RIGHTS

For the six months ended 30 June 2020, neither the Company nor any of its subsidiaries had issued or granted any convertible securities, options, warrants or similar rights or exercised any conversion or subscription rights under any convertible securities, options, warrants or similar rights issued or granted by the Company or any of its subsidiaries at any time.

ISSUE OF BONDS

For the six months ended 30 June 2020, neither the Company nor its subsidiaries had issued any bonds.

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

As at 30 June 2020, no Director, Supervisor or chief executive of the Company had any interest or short position in the Shares, underlying Shares or debentures of the Company or any of its associated corporations (within the meaning of Part XV of the Securities and Futures Ordinance (the "**SFO**")) which were required to be notified to the Company and the Hong Kong Stock Exchange pursuant to Divisions 7 and 8 of Part XV of the SFO (including those taken or deemed as their interests or short positions in accordance with such provisions of the SFO), or which were required, pursuant to Section 352 of the SFO, to be entered in the register referred to therein, or which were required, pursuant to the Model Code, to be notified to the Company and the Hong Kong Stock Exchange.

OTHER INFORMATION

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

SUBSTANTIAL SHAREHOLDERS' INTERESTS AND SHORT POSITIONS IN THE SHARES

As at 30 June 2020, to the knowledge of the Directors, the persons (other than a Director, Supervisor or chief executive of the Company) who have an interest or short position 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 and as recorded in the register required to be kept under Section 336 of the SFO were as follows:

Name of Shareholders	Types of Shares	Capacity	Number of Shares/ underlying Shares held (share) (Note 6)	Percentage of relevant class of share capital (%) (Note 7)	Percentage of total share capital (%) (Note 8)
Changchun Heating (Group) Co., Ltd.	Domestic Shares	Beneficial owner	325,500,000(L)	93.00	69.75
Changchun State-owned Capital Investment Operation (Group) Co., Ltd.	Domestic Shares	Beneficial owner	24,500,000(L)	7.00	5.25
China Foreign Economic and Trade Trust Co., Ltd. (Note 1)	H Shares	Trustee	28,120,000(L)	24.10	6.03
Orient Fund Management Co., Ltd. (Note 2)	H Shares	Trustee	18,600,000(L)	15.94	3.99
SDIC Taikang Trust Co., Ltd. (Note 3)	H Shares	Trustee	17,510,000(L)	15.00	3.75
Cititrust Private Trust (Cayman) Limited (Note 4)	H Shares	Interest of a controlled corporation	14,700,000(L)	12.60	3.15
Fantasy Races Limited (Note 4)	H Shares	Interest of a controlled corporation	14,700,000(L)	12.60	3.15
Harvest Well Holdings Limited (Note 4)	H Shares	Interest of a controlled corporation	14,700,000(L)	12.60	3.15
Joywise Holdings Limited (Note 4)	H Shares	Interest of a controlled corporation	14,700,000(L)	12.60	3.15
Ming Fai International Limited (Note 4)	H Shares	Interest of a controlled corporation	14,700,000(L)	12.60	3.15
Sunshine 100 China Holdings Ltd. (Note 4)	H Shares	Beneficial owner	14,700,000(L)	12.60	3.15
HE Libo (Note 5)	H Shares	Beneficial owner	6,000,000(L)	5.14	1.29
WANG Fujiang (Note 5)	H Shares	Beneficial owner	6,000,000(L)	5.14	1.29

Notes:

- 1. China Foreign Economic and Trade Trust Co., Ltd. is the trustee of SCBCN-Foreign Economy and Trade Trust Co., Ltd-Fotic Wuxingbaichuan No. 37 Unitrust.
- 2. Orient Fund Management Co., Ltd. is a private trustee.
- 3. SDIC Taikang Trust Co., Ltd. is the trustee of SDIC Taikang Trust Ruijin No. 8 QDII Single Fund Trust.
- 4. Sunshine 100 China Holdings Ltd. Limited is interested in 14,700,000 H Shares. Sunshine 100 China Holdings Ltd is owned as to 66.11% by Joywise Holdings Limited; Joywise Holdings Limited are owned as to 60% and 40% by Harvest Well Holdings Limited and Ming Fai International Limited, respectively; each of Harvest Well Holdings Limited and Ming Fai International Limited; and Fantasy Races Limited; and Fantasy Races Limited is owned as to 100% by Cititrust Private Trust (Cayman) Limited. As such, by virtue of the SFO, Joywise Holdings Limited, Harvest Well Holdings Limited, Ming Fai International Limited and Fantasy Races Limited are deemed to be interested in the H Shares held by Sunshine 100 China Holdings Ltd.
- 5. He Libo and Wang Fujiang are each other's spouse, each of whom holds 3,000,000 shares as beneficial owners. Therefore, according to the SFO, He Libo is considered to be interested in the H Shares held by Wang Fujiang, that is, a total of 6,000,000 shares, and vice versa.
- 6. The Letter (L) denotes the relevant person's long position in such Shares.
- 7. Based on 350,000,000 Domestic Shares or 116,700,000 H Shares of the Company in issue as at 30 June 2020.
- 8. Based on the total issued share capital of the Company of 466,700,000 Shares as at 30 June 2020.

OTHER INFORMATION

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

USE OF PROCEEDS FROM THE LISTING

The Shares of the Company was successfully listed on the Main Board of the Hong Kong Stock Exchange on 24 October 2019 (the "**Listing Date**"). A total of 116.7 million H Shares with par value of RMB1.00 each were issued at the price of HK\$2.35 per Share through global offering, accounting for 25% of the total share capital after the issue, representing a financing scale of approximately HK\$274.2 million. The net proceeds from the global offering, after deducting the underwriting commission and other estimated expenses in connection with the global offering, amounted to approximately HK\$220.5 million (the "**IPO Proceeds**").

The Company has utilized and will utilize the IPO Proceeds for the purposes which are consistent with those set out in the prospectus of the Company dated 27 September 2019. The IPO Proceeds amounted to HK\$220.5 million, among which:

- (1) approximately HK\$90.4 million (equivalent to approximately RMB81.8 million), representing approximately 41.0% of the IPO Proceeds, has not been utilized since the Listing Date and up to 30 June 2020. It is expected to be utilized for further increasing the level of automation in our heat supply business by the end of 2021 by enhancing our smart heating network system to achieve a more stable, efficient and technologically advanced heat supply. Most of the net proceeds earmarked for this category will be used for upgrading of our system, purchasing relevant equipment and sensors and installation of the equipment in the heat exchange stations and end-users' properties.
- (2) approximately HK\$90.4 million (equivalent to approximately RMB81.8 million), representing approximately 41.0% of the IPO Proceeds, has not been utilized since the Listing Date and up to 30 June 2020. It is expected to be utilized for upgrading and replacement of existing primary distribution pipelines and heat supply facilities by the end of 2021 to enhance operational efficiency of our heat distribution network.
- (3) approximately HK\$28.7 million (equivalent to approximately RMB25.9 million), representing approximately 13.0% of the IPO Proceeds, has been partially utilized. Since the Listing Date and up to 30 June 2020, HK\$24.0 million of which has been utilized for our heat service area expansion to grow our heat supply business, including necessary construction of primary distribution pipelines and heat supply facilities required thereunder. The remaining HK\$4.7 million will be used for the construction of heat supply facilities for the expansion of other heat supply business and is intended to be fully utilized by the fourth quarter of 2020.
- (4) approximately HK\$11.0 million (equivalent to approximately RMB10.0 million), representing approximately 5.0% of the IPO Proceeds, has been utilized in full for financing part of the consideration for the acquisition of a 50% equity interest in Xixing Energy on 8 June 2020 while the remaining consideration has been financed by the internal resources of the Group.

The unutilized IPO Proceeds have been deposited into short-term demand deposits in a bank account maintained by the Group.

With the impact of the recent outbreak of the COVID-19, the Board considered that the execution of the Group's expansion plan as set out above may be impeded. The Company is currently reviewing the Group's expansion plan and will closely monitor the development of the situation from time to time and make further announcement(s) regarding the situation as and when appropriate.



JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

CHANGE IN INFORMATION OF DIRECTORS AND SUPERVISORS

Mr. Yang Zhongshi, an executive Director of the Company, resigned as a director of Changchun Heating Power (Group) Company Limited* (長春市熱力(集團)有限責任公司), a Shareholder of the Company, with effect from October 2019.

Mr. Shi Mingjun, an executive Director of the Company, was re-designated as an executive director (legal person) from the chairman (legal person) of Jilin Province Xixing Energy Limited* (吉林省西興能源有限公司), previously known as Changchun FAW Sihuan Kinetic Company Limited* (長春一汽四環動能有限公司), which is a company under the Company, with effect from June 2020 and resigned as the executive director and managing director of Jilin Province Chuncheng Biomass Power Co., Ltd.* (吉林省春城生物質能源有限公司) with effect from January 2020.

Mr. Fu Yachen, an independent non-executive Director of the Company, resigned as an independent director of Jilin Bank with effect from April 2020.

Save as those disclosed above, up to 30 June 2020, there is no change in the information of directors and supervisors of the Company.

STAFF AND REMUNERATION POLICY

As at 30 June 2020, the Group had a total of 1,298 employees, including 114 employees of Xixing Energy. The remuneration of the Group's employees comprised basic salary and performance bonus. Performance bonus are determined based on the Group's performance and performance evaluation.

SIGNIFICANT LEGAL PROCEEDINGS

As at 30 June 2020, the Company was not engaged in any litigation or arbitration of material importance and no litigation or claim of material importance is known to the Directors to be pending or threatened against the Company.

INDEPENDENT REVIEW REPORT

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020



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To the board of directors of Jilin Province Chuncheng Heating Company Limited (Incorporated in the People's Republic of China with limited liability)

INTRODUCTION

We have reviewed the interim financial information set out on pages 26 to 64, which comprises the condensed consolidated statement of financial position of Jilin Province Chuncheng Heating Company Limited (the "Company") and its subsidiaries (collectively, the "Group") as at 30 June 2020 and the related condensed consolidated statement of profit or loss and other comprehensive income, changes in equity and cash flows for the six-month period then ended, and other explanatory notes. The Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited require the preparation of a report on interim financial information to be in compliance with the relevant provisions thereof and International Accounting Standard 34 *Interim Financial Reporting* ("IAS 34") issued by the International Accounting Standard 34 *Interim Financial Reporting* ("IAS 34") is to express a conclusion on this interim financial information in accordance with IAS 34. Our responsibility is to express a conclusion on this interim financial information based on our review. Our report is made solely to you, as a body, in accordance with our agreed terms of engagement, and for no other purpose. We do not assume responsibility towards or accept liability to any other person for the contents of this report.

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 financial information consists of making inquiries, 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 financial information is not prepared, in all material respects, in accordance with IAS 34.

Certified Public Accountants Hong Kong

21 August 2020

INTERIM CONDENSED CONSOLIDATED STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME

For the six months ended 30 June 2020

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

	Notes	For the six months 2020 RMB'000	ended 30 June 2019 RMB'000	
	Notes	(Unaudited)	(Unaudited)	
Revenue	4	629,596	662,692	
Cost of sales	6	(478,143)	(515,185)	
Gross profit		151,453	147,507	
Other income and gains, net	4	8,295	4,938	
Administrative expenses		(44,338)	(40,907)	
Selling expenses	0	(19)	(469)	
Reversals of impairment on financial and contract assets, net	6	5,453	10,464	
Finance costs	5	(808)	(4,396)	
Share of profits and losses of a joint venture		1,428	(1,653)	
Profit before tax	6	121,464	115,484	
Income tax expense	7	(31,889)	(31,481)	
Profit for the period		89,575	84,003	
Attributable to: Owners of the Company Non-controlling interests		89,575 _	84,003	
		89,575	84,003	
OTHER COMPREHENSIVE INCOME				
Other comprehensive income that will not be reclassified to				
profit or loss in subsequent periods: Remeasurement of supplemental benefit obligations	21	-	(183)	
Other comprehensive income for the period		-	(183)	
Total comprehensive income for the period		89,575	83,820	
Attributable to: Owners of the Company		89,575	83,820	
Non-controlling interests		-		
		89,575	83,820	
Earnings per share expressed in RMB	9			
Basic		0.19	0.24	
Diluted		0.19	0.24	

INTERIM CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION

As at 30 June 2020

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

	Notes	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
NON-CURRENT ASSETS			
Property, plant and equipment	10	868,147	875,200
Investment properties		41	41
Intangible assets		3,620	3,750
Deferred tax assets	11	23,353	24,877
Investment in a joint venture		-	57,561
Right-of-use assets		4,520	2,537
Other non-current assets	-	1,511	4,197
TOTAL NON-CURRENT ASSETS	-	901,192	968,163
CURRENT ASSETS			
Inventories		13,733	9,105
Trade and bills receivables	12	294,426	308,955
Contract assets	13	143,941	198,861
Prepayments and other receivables	14	12,297	379,474
Financial assets at fair value through profit or loss	15	50,763	-
Other current assets	16	13,485	9,243
Restricted deposits		2,000	-
Cash and cash equivalents	17	441,480	699,940
TOTAL CURRENT ASSETS		972,125	1,605,578
CURRENT LIABILITIES			
Trade payables	18	186,712	398,137
Other payables and accruals	19	133,424	90,227
Interest-bearing bank and other borrowings	20	80,763	10,715
Lease liabilities		716	1,355
Tax payable		28,520	39,273
Supplemental benefit obligations	21	417	617
Contract liabilities	4	96,923	681,620
Deferred income	22	2,931	2,555
TOTAL CURRENT LIABILITIES	-	530,406	1,224,499
NET CURRENT ASSETS		441,719	381,079
TOTAL ASSETS LESS CURRENT LIABILITIES		1,342,911	1,349,242

continued/...

INTERIM CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION

As at 30 June 2020

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

	Notes	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
NON-CURRENT LIABILITIES Lease liabilities		1 057	1 077
Supplemental benefit obligations	21	1,057 9,591	1,277 9,191
Contract liabilities	4	9,591 441,917	468,437
Deferred income	22	30,525	29,887
Deferred tax liabilities	11	9,135	
TOTAL NON-CURRENT LIABILITIES	-	492,225	508,792
NET ASSETS		850,686	840,450
EQUITY			
Equity attributable to owners of the Company			
Share capital	23	466,700	466,700
Reserves	24	383,986	373,750
TOTAL EQUITY		850,686	840,450

Yang Zhongshi Director Xu Chungang Director

INTERIM CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY For the six months ended 30 June 2020

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

	Notes	Share capital RMB'000	Capital reserve* RMB'000	Safety fund* RMB'000	Other comprehensive income* RMB'000	Statutory reserve* RMB'000	Retained earnings* RMB'000	Total equity RMB'000
At 1 January 2020		466,700	135,199	9,763	1,903	19,542	207,343	840,450
Profit for the period			-	-	-	-	89,575	89,575
Total comprehensive income for the period		-	-	-	-	-	89,575	89,575
Appropriation and utilization of safety fund, net Dividends declared by the Company	24(c) 8	-	-	6,242 –	-	-	(6,242) (79,339)	(79,339)
At 30 June 2020 (Unaudited)		466,700	135,199	16,005	1,903	19,542	211,337	850,686
At 1 January 2019		350,000	50,000	8,419	(361)	8,874	85,384	502,316
Profit for the period Other comprehensive income		-	-	-	-	-	84,003	84,003
 Remeasurement of employee benefit obligations 			_	-	(183)	-	-	(183)
Total comprehensive income for the period		_	-	-	(183)	_	84,003	83,820
Recognition of other changes in other reserve of a joint venture Appropriation and utilization of safety fund,		-	(2,291)	-	-	-	-	(2,291)
net	24(c)		-	5,141	-	-	(5,141)	
At 30 June 2019 (Unaudited)		350,000	47,709	13,560	(544)	8,874	164,246	583,845

These reserve accounts comprise the consolidated reserves of RMB383,986,000 in the interim condensed consolidated statement of financial position as at 30 June 2020.

INTERIM CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS

For the six months ended 30 June 2020

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

		ended 30 June	
		2020	2019
	Notes	RMB'000	RMB'000
		(Unaudited)	(Unaudited)
Net cash used in operating activities		(282,708)	(91,447)
Purchases of property, plant and equipment and intangible assets		(7,384)	(8,657)
Acquisition of a subsidiary	27	(30,192)	_
Dividend received from a joint venture			3,175
Net cash used in investing activities		(37,576)	(5,482)
Payment of principal of lease liabilities		(459)	(651)
Payment of interest expenses of lease liabilities		(61)	(84)
Transaction costs of issue of shares		(5,262)	(10,394)
Proceeds from bank and other borrowings		70,048	_
Repayment of bank and other borrowings		-	(108,000)
Interest paid		(365)	(2,994)
Dividends paid by the Company		(4,652)	-
Repayment to related parties			(1,472)
Net cash generated from/(used in) financing activities		59,249	(123,595)
Net decrease in cash and cash equivalents		(261,035)	(220,524)
Net foreign exchange differences		2,575	26
Cash and cash equivalents at 1 January	17	699,940	358,884
Cash and cash equivalents at 30 June	17	441,480	138,386

For the six months ended 30 June 2020

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

1. CORPORATE INFORMATION

Jilin Province Chuncheng Heating Company Limited (the "Company"), formerly known as "Jilin Province Changre New Energy Co., Ltd." or" Jilin Province Chuncheng Heating Limited Liability Company", is a joint stock company with limited liability incorporated in the People's Republic of China (the "PRC") on 23 October 2017 as a result of the reorganization of Changchun Heating Power (Group) Company Limited ("Changchun Heating Group" or the "Shareholder") and its subsidiaries (the "Reorganization") in preparation for listing the Company's H Shares on the Main Board of The Stock Exchange of Hong Kong Limited (the "Hong Kong Stock Exchange"). The registered office of the Company is located at 28/F (Hong Cheng Xiyu), 998 Nanhu Avenue, Nanguan District Sub-district B, Changchun, Jilin Province, the PRC.

The Company and its subsidiaries (collectively the "Group") were involved in the following principal activities:

- Heat supply, including the provision and distribution of heat, pipeline connection fee and heat transmission; and
- Construction, maintenance and design services and others.

In the opinion of the directors of the Company ("Directors"), the Controlling Shareholder of the Company is Changchun Heating Group, a company established and domiciled in the PRC and wholly owned by the State-owned Assets Supervision and Administration Commission of Changchun ("SASAC Changchun") (長春市人 民政府國有資產監督管理委員會).

The interim condensed consolidated financial information is presented in thousands of Renminbi ("RMB"), unless otherwise stated.

For the six months ended 30 June 2020

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

1. CORPORATE AND GROUP INFORMATION (CONTINUED)

Information about subsidiaries

Particulars of the Company's subsidiaries are as follows:

Name of company	Place and date of incorporation/ registration and place of operations	Registered share capital	Percentage of equity attributable to the Company Direct Indirect		Principal activities
Changchun City Runfeng Construction Installation Engineering Company Limited ("Changchun Runfeng")	Jilin, the PRC, 10 October 2012	RMB40,000,000	100%	_	Engineering construction and installation
Jilin Province Heating Engineering Design and Research Company Limited ("Heating Engineering Design")	Jilin, the PRC, 22 June 2007	RMB5,000,000	100%	_	Heating engineering design
Jilin Province Changre Maintenance Service Company Limited ("Changre Maintenance"	Jilin, the PRC, 9 August 2016)	RMB10,000,000	100%	_	Engineering maintenance
Jilin Province Changre Pipelines Transmission Company Limited ("Changre Pipelines")	Jilin, the PRC, 15 September 2017	RMB50,000,000	100%	-	Pipeline transmission
Jilin Province Changre Electrical Apparatus Company Limited ("Changre Electrical Apparatus")	Jilin, the PRC, 24 October 2017	RMB4,000,000	100%	-	Maintenance service
Jilin Province Chuncheng Biomass Power Co., Ltd. ("Biomass Power")	Jilin, the PRC, 10 December 2018	RMB20,000,000	100%	-	Biomass heat supply
Jilin Province Xixing Energy Co., Ltd ("Xixing Energy", formerly known as Changchun FAW Sihuan Kinetic Company Limited)		RMB20,000,000	100%	-	Heat supply and electricity selling

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2. BASIS OF PREPARATION AND CHANGES IN ACCOUNTING POLICES AND DISCLOSURES

2.1 BASIS OF PREPARATION

This interim condensed consolidated financial information for the six months ended 30 June 2020 has been prepared in accordance with IAS 34 *Interim Financial Reporting*. The interim condensed consolidated financial information does not include all the information and disclosures required in the annual financial statements, and should be read in conjunction with the Group's annual consolidated financial statements for the year ended 31 December 2019.

2.2 CHANGES IN ACCOUNTING POLICIES AND DISCLOSURES

The accounting policies adopted in the preparation of the interim condensed consolidated financial information are consistent with those applied in the preparation of the Group's annual consolidated financial statements for the year ended 31 December 2019, except for the adoption of the following revised International Financial Reporting Standards ("IFRSs") for the first time for the current period's financial information.

Amendments to IFRS 3Definition of a BusinessAmendments to IFRS 9, IAS 39 and IFRS 7Interest Rate Benchmark ReformAmendments to IFRS 16Covid-19-Related Rent ConcessionsAmendments to IAS 1 and IAS 8Definition of MaterialConceptual Framework for Financial Reporting issued on 29 March 2018

The nature and impact of the revised IFRSs are described below.

- (a) Amendments to IFRS 3 clarify and provide additional guidance on the definition of a business. The amendments clarify that for an integrated set of activities and assets to be considered a business, it must include, at a minimum, an input and a substantive process that together significantly contribute to the ability to create output. A business can exist without including all of the inputs and processes needed to create outputs. The amendments remove the assessment of whether market participants are capable of acquiring the business and continue to produce outputs. Instead, the focus is on whether acquired inputs and acquired substantive processes together significantly contribute to the ability to create outputs. The amendments have also narrowed the definition of outputs to focus on goods or services provided to customers, investment income or other income from ordinary activities. Furthermore, the amendments provide guidance to assess whether an acquired process is substantive and introduce an optional fair value concentration test to permit a simplified assessment of whether an acquired set of activities and assets is not a business. The Group has applied the amendments prospectively to transactions or other events that occurred on or after 1 January 2020. The amendments did not have any significant impact on the financial position and performance of the Group.
- (b) Amendments to IFRS 9, IAS 39 and IFRS 7 address the effects of interbank offered rate reform on financial reporting. The amendments provide temporary reliefs which enable hedge accounting to continue during the period of uncertainty before the replacement of an existing interest rate benchmark. In addition, the amendments require companies to provide additional information to investors about their hedging relationships which are directly affected by these uncertainties. The amendments did not have any impact on the financial position and performance of the Group as the Group does not have any interest rate hedge relationships.

For the six months ended 30 June 2020

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

2.2 CHANGES IN ACCOUNTING POLICIES AND DISCLOSURES (CONTINUED)

- (c) Amendment to IFRS 16 provides a practical expedient for lessees to elect not to apply lease modification accounting for rent concessions arising as a direct consequence of the covid-19 pandemic. The practical expedient applies only to rent concessions occurring as a direct consequence of the covid-19 pandemic and only if (i) the change in lease payments results in revised consideration for the lease that is substantially the same as, or less than, the consideration for the lease immediately preceding the change; (ii) any reduction in lease payments affects only payments originally due on or before 30 June 2021; and (iii) there is no substantive change to other terms and conditions of the lease. The amendment is effective retrospectively for annual periods beginning on or after 1 June 2020 with earlier application permitted. During the six months ended 30 June 2020, the Group had no material rent concessions granted by the lessors. Therefore the amendment did not have any impact on the Group's interim condensed consolidated financial information.
- (d) Amendments to IAS 1 and IAS 8 provide a new definition of material. The new definition states that information is material if omitting, misstating or obscuring it could reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements. The amendments clarify that materiality will depend on the nature or magnitude of information. The amendments did not have any impact on the Group's interim condensed consolidated financial information.
- (e) The Conceptual Framework is not a standard, and none of the concepts contained therein override the concepts or requirements in any standard. The purpose of the Conceptual Framework is to assist the IASB in developing standards, to help preparers develop consistent accounting policies where there is no applicable standard in place and to assist all parties to understand and interpret the standards. The revised Conceptual Framework includes some new concepts, provides updated definitions and recognition criteria for assets and liabilities and clarifies some important concepts. The amendments had no impact on the Group's interim condensed consolidated financial information.

3. OPERATING SEGMENT INFORMATION

For management purposes, the Group considers the business from the perspective of service activities, which mainly include the following two reportable segments:

- Heat supply, including the provision and distribution of heat, pipeline connection fee and heat transmission; and
- Construction, maintenance and design services, including certain rental services and the sales of goods.

The management monitors the results of the Group's operating segments separately for the purpose of making decisions about resource allocation and performance assessment. The operating segments are each managed separately because they distribute distinct products/services with different production/distribution processes and due to their distinct operating and gross margin characteristics. Segment performance is evaluated based on reportable segment profit/loss, which is measured consistently with the Group's profit/loss before tax.

For the six months ended 30 June 2020

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3. **OPERATING SEGMENT INFORMATION** (CONTINUED)

Intersegment sales and transfers are transacted with reference to the selling prices used for sales made to third parties at the contractual prices which are comparable to prevailing market prices.

Six months ended		Construction, maintenance and design	
30 June 2020 (Unaudited)	Heat supply	services	Total
	RMB'000	RMB'000	RMB'000
Segment revenue			
Sales to external customers	555,558	74,038	629,596
Intersegment sales	-	5,998	5,998
	555,558	80,036	635,594
Reconciliation:			
Elimination of intersegment sales		_	(5,998)
Revenue		-	629,596
Segment results	117,278	4,023	121,301
Reconciliation:			
Elimination of intersegment results	394	(231)	163
Profit before tax		_	121,464
As at 30 June 2020 (Unaudited)			
Segment assets	1,422,707	450,610	1,873,317
Segment liabilities	817,039	205,592	1,022,631
For the six months ended 30 June 2020

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3. **OPERATING SEGMENT INFORMATION** (CONTINUED)

Six months ended		Construction, maintenance and design	
30 June 2019 (Unaudited)	Heat supply	services	Total
	RMB'000	RMB'000	RMB'000
Segment revenue			
Sales to external customers	532,954	129,738	662,692
Intersegment sales	-	11,462	11,462
	532,954	141,200	674,154
Reconciliation:			
Elimination of intersegment sales			(11,462)
Revenue			662,692
Segment results	103,070	12,371	115,441
Reconciliation:	,	, -	- ,
Elimination of intersegment results	66	(23)	43
Profit before tax			115,484
As at 31 December 2019 (Audited)			
Segment assets	2,017,928	555,813	2,573,741
Segment liabilities	1,327,392	405,899	1,733,291
		1	

Geographical information

The Group's revenues from customers are all attributed to the PRC, and the Group's non-current assets are all located in the PRC.

Information of major customers

Revenue of approximately RMB49,018,000 for the six months ended 30 June 2020 (six months ended 30 June 2019: RMB46,069,000) was derived from the "Construction, maintenance and design services" segment to a single customer.

Seasonality of operations

Both the heat supply business and construction, maintenance and design services are subject to seasonality. i) Heat supply period was from October of each year to April of the following year. ii)The construction, maintenance and design services also experienced seasonality due to the fact that most of the projects were undertaken outside of the heat supply period to avoid disruption or suspension of heat supply. As a result, the revenue and profit may fluctuate significantly over the year.

For the six months ended 30 June 2020

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4. REVENUE, OTHER INCOME AND GAINS, NET

An analysis of the Group's revenue, other income and gains is as follows:

		For the six months ended 30 June	
	2020	2019	
	RMB'000 (Unaudited)	RMB'000 (Unaudited)	
	(Unaudited)	(Unaudited)	
Revenue from contracts with customers			
Provision and distribution of heat	515,555	500,763	
Pipeline connection fee	27,707	27,002	
Heat transmission	12,296	5,189	
Engineering construction	23,169	84,549	
Engineering maintenance	46,642	38,140	
Design services	3,448	3,408	
Sale of goods	605	3,513	
	629,422	662,564	
Revenue from other sources			
Gross rental income from operating leases, fixed lease payments	174	128	
Total	629,596	662,692	
Other income and gains, net			
Bank interest income	6,442	3,855	
Government grants*	1,331	893	
Gains from financial assets at fair value through profit or loss	131	-	
Gain on acquisition of a subsidiary	950	-	
Loss on a previously held equity interest remeasured at			
fair value on the acquisition date	(4,337)	-	
Foreign exchange gains	2,575	26	
Others	1,203	164	
Total	8,295	4,938	

* There are no unfulfilled conditions and other contingencies relating to these grants.

For the six months ended 30 June 2020

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4. REVENUE, OTHER INCOME AND GAINS, NET (CONTINUED)

(i) Disaggregated revenue information

	For the six months	For the six months ended 30 June		
	2020	2019		
	RMB'000	RMB'000		
	(Unaudited)	(Unaudited)		
Type of goods or services				
Heat supply segment:				
 Provision and distribution of heat 	515,555	500,763		
 Pipeline connection fee 	27,707	27,002		
– Heat transmission	12,296	5,189		
	555,558	532,954		
Construction, maintenance, and design services segment:				
 Engineering construction 	23,169	84,549		
 Engineering maintenance 	46,642	38,140		
– Design services	3,448	3,408		
Sale of goods	605	3,513		
Total	629,422	662,564		
Timing of revenue recognition				
Services delivered over time	616,521	653,862		
Goods or services transferred at a point in time	12,901	8,702		
Total	629,422	662,564		

For the six months ended 30 June 2020

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4. REVENUE, OTHER INCOME AND GAINS, NET (CONTINUED)

(i) Disaggregated revenue information (Continued)

(a) Contract liabilities

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
Current: Heat supply Construction, maintenance and design services	63,427 33,496	670,230 11,390
	96,923	681,620
Non-current: Heat supply Construction, maintenance and design services	441,917	468,437
	441,917	468,437

Contract liabilities include advances received for the provision and distribution of heat, pipeline connection service and construction and maintenance services.

(b) Revenue recognized in relation to contract liabilities

The following table shows the amounts of revenue recognized in the current reporting period that were included in the contract liabilities at the beginning of the reporting period:

	For the six months ended 30 June		
	2020 20		
	RMB'000	RMB'000	
	(Unaudited)	(Unaudited)	
Provision and distribution of heat	503,860	544,003	
Pipeline connection fee	27,707	27,003	
Construction, maintenance and design services	164	329	
	531,731	571,335	

For the six months ended 30 June 2020

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4. **REVENUE, OTHER INCOME AND GAINS, NET** (CONTINUED)

(ii) **Performance obligations**

The Group has elected the practical expedient of not disclosing the remaining performance obligation for the provision and distribution of heat and construction, maintenance and design services rendered because the performance obligation is part of a contract that has an original expected duration of one year or less.

The amounts of transaction prices allocated to the remaining performance obligations (unsatisfied or partially unsatisfied) are as follows:

	30 June	31 December	
	2020	2019	
	RMB'000	RMB'000	
	(Unaudited)	(Audited)	
Within 1 year	55,488	53,975	
Over 1 year	441,917	468,437	
	497,405	522,412	

The above remaining performance obligations expected to be recognized in more than one year relate to the provision of the pipeline connection and heat metering reform services. The amount disclosed above does not include variable consideration which is constrained.

5. FINANCE COSTS

An analysis of the Group's finance costs is as follows:

	For the six months	For the six months ended 30 June		
	2020	2019		
	RMB'000	RMB'000		
	(Unaudited)	(Unaudited)		
Interest on interest-bearing bank and other borrowings	563	4,111		
Interest expenses on lease liabilities	61	84		
Others	184	201		
	808	4,396		

For the six months ended 30 June 2020

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6. PROFIT BEFORE TAX

The Group's profit before tax is arrived at after charging/(crediting):

Cost of heat supply Cost of construction, maintenance and design services	For the six months 2020 RMB'000 (Unaudited) 415,399 62,744	ended 30 June 2019 RMB'000 (Unaudited) 406,007 109,178
	478,143	515,185
Employee benefit expense:		
Wages, salaries and allowances	61,858	50,884
Contributions to pension plans	10,722	8,971
Housing funds	7,423	5,748
Welfare and other expenses	1,873	7,836
Service cost	227	283
Employee benefit expenses	82,103	73,722
Depreciation*	45,331	45,756
Amortization*	2,086	2,460
Depreciation of right-of-use assets	713	671
Interest expenses on lease liabilities (Note 5)	61	84
Rental expense – short term**	250	250
Maintenance and repair expenses	35	6
Reversals of impairment on financial and contract assets, net	(5,453)	(10,464)
Bank interest income (Note 4)	(6,442)	(3,855)
Gains from financial assets at fair value through profit or loss (Note 4)	(131)	-
Gain on acquisition of a subsidiary (Note 4)	(950)	-
Loss on a previously held equity interest remeasured		
at fair value on the acquisition date (Note 4)	4,337	-
Government grants (Note 4)	(1,331)	(893)
Foreign exchange gains, net	(2,575)	(26)

* The depreciation and amortization, except for the depreciation of right-of-use assets, are included in "Cost of sales" and "Administrative expenses" in the condensed consolidated statement of profit or loss and other comprehensive income.

** The rental expense – short term is included in "Cost of sales" and "Administrative expenses" in the condensed consolidated statement of profit or loss and other comprehensive income.

For the six months ended 30 June 2020

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7. INCOME TAX EXPENSE

The Group's major components of income tax expense are as follows:

	For the six months	For the six months ended 30 June		
	2020	2019		
	RMB'000	RMB'000		
	(Unaudited)	(Unaudited)		
Current income tax	30,424	28,181		
Deferred tax	1,465	3,300		
Total tax charge for the period	31,889	31,481		

A reconciliation of the tax expense applicable to profit before tax at the statutory rates for the jurisdictions in which the Company and the majority of subsidiaries are domiciled to the tax expense at the effective tax rate is as follows:

	For the six months ended 30 June		
	2020	2019	
	RMB'000	RMB'000	
	(Unaudited)	(Unaudited)	
Profit before tax	121,464	115,484	
Tax at the statutory tax rate of 25%	30,366	28,871	
Effect of lower tax rates of certain subsidiaries	-	(296)	
Non taxable income	(321)	-	
Non-deductible expenses	1,193	2,863	
Tax losses not recognized	762	132	
Others	(111)	(89)	
	31,889	31,481	

The Company's PRC subsidiaries are subject to income tax at 25% on their respective taxable incomes as calculated in accordance with the Enterprise Income Tax Law and its relevant regulations (the "Actual Method") except for Heating Engineering Design and Changre Electrical Apparatus, which are qualified as small low-profit enterprises. For the part of annual taxable income less than or equal to RMB1 million, the taxable income should be deducted by 25% and the income tax rate is 20%; for the part of annual taxable income tax rate is 20%.

For the six months ended 30 June 2020

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8. DIVIDENDS

(a) Interim dividends

The board of directors did not recommend the distribution of any interim dividends to shareholders for the six months ended 30 June 2020 (six months ended 30 June 2019: Nil).

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

Final dividend of RMB0.17 per share (inclusive of tax) amounting to RMB79.3 million in aggregate in respect of the financial year ended 31 December 2019, has been approved in the 2019 annual general meeting. The above final dividend has not been paid to shareholders as at 30 June 2020.

9. EARNINGS PER SHARE

The basic and diluted earnings per share amounts for the reporting period were calculated as follows:

	For the six months	For the six months ended 30 June		
	2020	2019		
	RMB'000	RMB'000		
	(Unaudited)	(Unaudited)		
Profit for the period attributable to owners of the Company (RMB)	89,575	84,003		
Weighted average number of ordinary shares				
Basic	466,700,000	350,000,000		
Diluted	466,700,000	350,000,000		
Earnings per share attributable to owners of the Company (RMB per share)				
Basic	0.19	0.24		
Diluted	0.19	0.24		

10. PROPERTY, PLANT AND EQUIPMENT

For the six months ended 30 June 2020, the property, plant and equipment decreased by RMB7,053,000, which was mainly because of the depreciation of pipelines.

None of the Group's property, plant and equipment was pledged to secure the Group's interest-bearing bank and other borrowings as at 30 June 2020 (31 December 2019: nil).

There was no impairment of property, plant and equipment provision for the six months ended 30 June 2020 (six months ended 30 June 2019: nil).

For the six months ended 30 June 2020

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11. DEFERRED TAX

Deferred tax assets and liabilities are offset when there is a legally enforceable right to offset current income tax assets against current income tax liabilities and when the deferred taxes relate to the same tax authority.

The movements in deferred tax assets and liabilities during the period ended 30 June 2020 without taking into consideration the offsetting of balances within the same tax jurisdiction are as follows:

Movements in deferred tax assets:

	Fair value adjustments arising from acquisition of a subsidiary RMB'000	Unrealized profits RMB'000	Accrued expenses RMB'000	Provision for impairment RMB'000	Deferred income RMB'000	Tax losses RMB'000	Total RMB'000
At 1 January 2019		343	3,304	13,691	2,070	_	19,408
Deferred tax credited/(debited) to profit or loss during the period		429	(852)	3,535	2,280	77	5,469
At 31 December 2019 (Audited) and 1 January 2020		772	2,452	17,226	4,350	77	24,877
Acquisition of a subsidiary Deferred tax credited/(debited) to profit or loss	242	-	-	434	581	-	1,257
during the period	(31)	16	50	(1,343)	(328)		(1,636)
At 30 June 2020 (Unaudited)	211	788	2,502	16,317	4,603	77	24,498

For the six months ended 30 June 2020

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11. DEFERRED TAX (CONTINUED)

Movements in deferred tax liabilities:

	Fair value adjustments arising from acquisition of a subsidiary RMB'000	Unrealized profits RMB'000	Accrued expenses RMB'000	Provision for impairment RMB'000	Deferred income RMB'000	Tax losses RMB'000	Total RMB'000
At 31 December 2019 (Audited) and 1 January 2020			-		_		
Acquisition of a subsidiary Deferred tax debited to profit or loss	10,451	-	-	-	-	-	10,451
during the period	(171)		-	_	-		(171)
At 30 June 2020 (Unaudited)	10,280	_	_	_	_	_	10,280

For presentation purposes, certain deferred tax assets and liabilities have been offset in the condensed consolidated statement of financial position. The following is the balances of the Group for financial reporting purposes:

	30 June	31 December
	2020	2019
	RMB'000	RMB'000
	(Unaudited)	(Audited)
Net deferred tax assets	23,353	24,877
Net deferred tax liabilities	9,135	

For the six months ended 30 June 2020

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12. TRADE AND BILLS RECEIVABLES

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
Trade receivables Less: Provision for impairment	332,248 (42,477)	349,090 (40,135)
Bills receivable	289,771 4,655	308,955
	294,426	308,955

Trade receivables were unsecured and non-interest-bearing.

An ageing analysis of the trade and bills receivables, based on the invoice date and net of loss allowance, is as follows:

	30 June 2020 RMB'000	31 December 2019 RMB'000
	(Unaudited)	(Audited)
Within 1 year	246,496	286,361
Between 1 and 2 years	41,099	18,677
Between 2 and 3 years	5,401	3,125
Between 3 and 4 years	777	477
Between 4 and 5 years	653	315
Over 5 years	-	
	294,426	308,955

The movements in the loss allowance for impairment of trade receivables are as follows:

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
At the beginning of the period/year Impairment loss recognized	40,135 7,624	23,941 17,600
Impairment loss reversed At the end of the period/year	(5,282)	(1,406)

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12. TRADE RECEIVABLES (CONTINUED)

Impairment under IFRS 9

The Group has provided and distributed heat and provided construction, maintenance and design services to the Shareholder and fellow subsidiaries. The Group traded with such enterprises and had never had any receivables that could not be recovered. Therefore, the directors of the Group were of the opinion that no impairment allowance was necessary for the Shareholder and fellow subsidiaries considering the current conditions and forecasts of future economic conditions, as appropriate.

The Group applies the simplified approach to the provision for expected credit losses prescribed by IFRS 9, which permits the use of the lifetime expected loss provision for all trade receivables (excluding receivables from the Shareholder and fellow subsidiaries). Measurement of the expected credit losses on trade receivables excluding receivables from the Shareholder and fellow subsidiaries has been grouped based on shared credit risk characteristics and the ageing.

13. CONTRACT ASSETS

	30 June	31 December
	2020	2019
	RMB'000	RMB'000
	(Unaudited)	(Audited)
Contract assets arising from construction and maintenance services	152,970	213,930
Less: Provision for impairment	(9,029)	(15,069)
	143,941	198,861

The contract assets primarily relate to the Group's right to consideration for work completed but not billed because the rights are conditioned on the Group's future performance in satisfying the respective performance obligations at the reporting date in respect of construction contracts. Upon completion of construction and acceptance by the customers, the amounts recognized as contract assets are reclassified to trade receivables.

The movements in the loss allowance for impairment of contract assets are as follows:

	30 June	31 December
	2020	2019
	RMB'000	RMB'000
	(Unaudited)	(Audited)
At the beginning of the period/year	15,069	21,119
Impairment loss reversed	(6,040)	(6,050)
At the end of the period/year	9,029	15,069

An impairment analysis is performed at each reporting date using a provision matrix to measure expected credit losses. The provision rates for the measurement of the expected credit losses for the contract assets are based on those of the trade receivables as the contract assets and the trade receivables are from the same customer base.

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14. PREPAYMENTS AND OTHER RECEIVABLES

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
Prepayments*	1,776	369,538
Staff advances	1,167	571
Deposits	1,746	1,881
, Due from the Shareholder (Note 26(c))	116	51
Others	7,635	7,575
	12,440	379,616
Less: Provision for impairment	(143)	(142)
	12,297	379,474

* Prepayments mainly include prepayments for heat procurement as at 31 December 2019, which was transferred to "cost of sales" with heat supply provided during the six months ended 30 June 2020.

The movements in loss allowance for impairment are as follows:

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
At the beginning of the period/year Impairment loss recognized	142 1	71 71
At the end of the period/year	143	142

Impairment under IFRS 9

Where applicable upon financial assets above, an impairment analysis is performed at the end of each reporting period by considering the probability of default by applying a loss rate approach with reference to the historical record of the Group. The loss rate is adjusted to reflect the current conditions and forecasts of future economic conditions, as appropriate. No significant impairment was provided during the reporting period.

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15. FINANCIAL ASSETS AT FAIR VALUE THROUGH PROFIT OR LOSS

	30 June 2020	31 December 2019
	RMB'000	RMB'000
	(Unaudited)	(Audited)
Financial assets at fair value through profit or loss (Note)	50,763	-

Note: Financial assets at fair value through profit or loss represent wealth management products issued by financial institutions with guaranteed principal amounts and variable returns.

16. OTHER CURRENT ASSETS

	30 June	31 December
	2020	2019
	RMB'000	RMB'000
	(Unaudited)	(Audited)
Deductible value-added tax	9,857	3,850
Deferred expenses	3,628	5,347
Others		46
	13,485	9,243

17. CASH AND CASH EQUIVALENTS

	30 June	31 December
	2020	2019
	RMB'000	RMB'000
	(Unaudited)	(Audited)
Cash and cash equivalents	441,480	699,940
Cash and bank balances denominated in:		
– RMB	441,480	699,940

The RMB is not freely convertible into other currencies. However, under Mainland China's prevailing rules and regulations over foreign exchange, the Group is permitted to exchange RMB for other currencies through banks authorized to conduct foreign exchange business.

Cash at banks earns interest at floating rates based on daily bank deposit rates. The bank balances are deposited with creditworthy banks with no recent history of default.

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18. TRADE PAYABLES

An ageing analysis of the trade payables as the end of each reporting period, based on the invoice dates, is as follows:

	30 June	31 December
	2020	2019
	RMB'000	RMB'000
	(Unaudited)	(Audited)
Within 1 year	139,249	332,668
More than one year	47,463	65,469
	186,712	398,137

19. OTHER PAYABLES AND ACCRUALS

	30 June 2020	31 December 2019
	RMB'000 (Unaudited)	RMB'000 (Audited)
Payables for acquisition of property, plant and equipment	9,706	26,884
Deposits	985	891
Other tax payables	13,105	20,935
Salaries, bonuses and staff welfare benefits payable	12,509	21,828
Due to related parties (Note 26(c))	2,804	1,326
Dividends payable	77,339	-
Others	16,976	18,363
	133,424	90,227

Other payables of the Group are unsecured, non-interest-bearing and have no fixed terms of repayment.

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20. INTEREST-BEARING BANK AND OTHER BORROWINGS

		30 June 2020	31 December 2019			2019
	Effective	Effective				
	interest rate	Maturity	RMB'000 (Unaudited)	interest rate	Matur	ity RMB'000 (Audited)
Current						
Bank borrowings – unsecured	4.02%-4.35%	2020-2021	80,763	4.35%	20	20 10,715
				3	0 June	31 December
					2020	2019
				RM	//B'000	RMB'000
				(Unau	udited)	(Audited)
Within one year					80,763 80,763	10,715
				3	0 June	31 December
					2020	2019
					//B'000	RMB'000
				(ปทลเ	udited)	(Audited)
Interest-bearing bank and oth	her horrowings o	lenominated	in			
– RMB	ier borrowings c	ienominateu			80,763	10,715
					80,763	10,715

The Group's interest-bearing bank and other borrowings are all with fixed interest rates.

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21. SUPPLEMENTAL BENEFIT OBLIGATIONS

According to relevant local regulation, the Group has a defined benefit plan to pay for supplemental medical insurance for approximately 58 (for the year ended 31 December 2019: 70) of its employees for the six months ended 30 June 2020. The Group has a defined benefit plan to pay for heat supply and other subsidies for approximately 757 (for the year ended 31 December 2019: 789) employees for the six months ended 30 June 2020.

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
Consolidated statements of financial position:		
Present value of supplemental benefit obligations	10,008	9,808
Less: Current portion	(417)	(617)
Non-current portion	9,591	9,191
	For the six months	ended 30 June
	2020	2019
	RMB'000	RMB'000
	(Unaudited)	(Unaudited)
Consolidated statement of profit or loss and other comprehensive income:		
Remeasurement of supplemental benefit obligations		
 Loss from change in actuarial assumptions 		183

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22. DEFERRED INCOME

The Group's deferred income represents government grants, which are related to assets.

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
At the beginning of period	32,442	23,325
Additions	2,323	11,564
Amortised during the period	(1,309)	(2,447)
At the end of period	33,456	32,442
Less: Portion classified as current liabilities	(2,931)	(2,555)
Non-current portion	30,525	29,887

23. SHARE CAPITAL

	30 June	31 December
	2020	2019
	RMB'000	RMB'000
	(Unaudited)	(Audited)
Ordinary shares, issued and fully paid 350,000,000 domestic state-owned ordinary shares of RMB1.00 each 116,700,000 H Shares of RMB1.00 each	350,000 116,700	350,000 116,700
	466,700	466,700

All shareholders are entitled to receive dividends as declared from time to time and are entitled to one vote per share at shareholders' meetings of the Company. All shares rank equally with regard to the Company's residual assets.

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24. RESERVES

(a) Capital reserve

Capital reserve includes share premium and other capital reserve.

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 the equity shareholders before the initial public offering in 2019.

(b) Statutory reserve fund

In accordance with the PRC Company Law and the Company's articles of association, the Company is required to appropriate 10% of its profit after tax as determined in accordance with Accounting Standards for Business Enterprises of the PRC and regulations applicable to the Company to the statutory surplus reserve until such reserve reaches 50% of the registered capital of the Company. The appropriation to the reserve must be made before any distribution of dividends to equity holders. The statutory surplus reserve can be used to offset previous years' losses, if any, and part of the statutory surplus reserve after the capitalized as the Company's share capital, provided that the remaining amount of such reserve after the capitalization shall not be less than 25% of the share capital of the Company.

(c) Safety fund

The safety fund represents the safety production fund, which is accrued based on revenue last year in accordance with the circular of the Ministry of Finance on the enterprise safety production.

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25. COMMITMENTS AND LEASE ARRANGEMENTS

(a) Capital commitments

There was no capital commitment as at 30 June 2020 and 31 December 2019.

(b) Operating lease arrangements – As lessor

The Group leased out its investment properties under operating lease arrangements, with negotiation for terms ranging from one to fifteen years. At the end of each reporting period, the Group had total future minimum lease receivables under non-cancellable operating leases with its tenants falling due as follows:

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
Within one year After one year and within five years After five years	150 400 708	100 400 758
	1,258	1,258

26. RELATED PARTY TRANSACTIONS

(a) In addition to the transactions disclosed elsewhere in these condensed consolidated financial statements, the Group had the following transactions with related parties during the reporting period:

	For the six months 2020 RMB'000 (Unaudited)	RMB'000 RMB'000
Provision of services to A joint venture of the Company – Xixing Energy	46	-
Fellow subsidiaries – Changre Group Jilin Changtie Public Utilities Co., Ltd. – Inner Mongolia ChangRe Heating Group Co. Ltd. – Jilin Heating Group Tumen Public Enterprise Co., Ltd. – Changchun Yatai Heat Inglis Co., Ltd.	916 42 4,002 6,053	809
– Changchun Light Railway Heating Company Co., Ltd. The Shareholder – Changchun Heating Group	3,410	
- Changenun nealing Group	17,359	8,764

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26. RELATED PARTY TRANSACTIONS (CONTINUED)

(a) In addition to the transactions detailed elsewhere in these condensed consolidated financial statements, the Group had the following transactions with related parties during the reporting period (Continued):

	For the six months ended 30 June	
	2020	2019
	RMB'000 (Unaudited)	RMB'000 (Unaudited)
	(Unaudited)	(Unaudited)
Purchases of products from		
Associates of the Shareholder		
 Jilin Province New Model Pipes Co., Ltd. 	12,681	377
 Jilin Heating Intelligent Equipment Co., Ltd. 		3,261
	12,681	3,638
Rental expense-short term		
The Shareholder		
– Changchun Heating Group	171	171

(b) Other transactions with related parties

In 2018, the Group entered into two lease agreements of office with its shareholder, Changchun Heating Group, for which right-of-use assets of RMB1,980,000 were recognized. The depreciation of right-of-use assets amounting to RMB348,000 was recognized for the six months ended 30 June 2020 (six months ended 30 June 2019: RMB330,000).

The directors of the Company are of the opinion that the above transactions with related parties disclosed in (a) and (b) were conducted in the ordinary course of business and on normal commercial terms or in accordance with the agreements governing such transactions.

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26. RELATED PARTY TRANSACTIONS (CONTINUED)

(c) Outstanding balances with related parties

The Group's balances with its related parties are as follows:

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
Trade receivables due from		
Fellow subsidiaries		
 Jilin Heating Group Tumen Public Enterprise Co., Ltd. 	3,291	-
 Changre Group Jilin Changtie Public Utilities Co., Ltd. 	-	20
– Changchun Yatai Heat Inglis Co., Ltd.	9,785	647
- Changchun Light Railway Heating Company Co., Ltd.	48,267	-
– Jilin Heating Group Public Utilities Co., Ltd.	925	-
– Jilin Heating Group Panshi Public Enterprise Co., Ltd.	759	-
The Shareholder		
– Changchun Heating Group	9,730	11,453
	72,757	12,120
Other receivables due from		
A fellow subsidiary		
 Jilin Heating Group Public Utilities Co., Ltd. 	15	-
The Shareholder		
– Changchun Heating Group	116	51
	131	51

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26. RELATED PARTY TRANSACTIONS (CONTINUED)

(c) Outstanding balances with related parties (Continued)

The Group's balances with its related parties are as follows (Continued):

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
Contract assets due from		
Fellow subsidiaries		
– Changchun Yatai Heat Inglis Co., Ltd.	75	_
 Changchun Light Railway Heating Company 	29,795	-
 Jilin Heating Group Tumen Public Enterprise Co., Ltd. 	-	1,110
The Shareholder		
– Changchun Heating Group	6,384	18,032
	36,254	19,142
		10,142
Trade payables due to		
Associates of the Shareholder		
 Jilin Province New Model Pipes Co., Ltd. 	13,825	11,629
 Jilin Heating Intelligent Equipment Co., Ltd. 	2,286	5,105
The Shareholder		
– Changchun Heating Group	171	341
A joint venture of the Company		
 Jilin Hengxin Electricity Co. Ltd. 	-	1,074
	16,282	18,149
Contract liabilities due to Fellow subsidiaries		
– Jilin Heating Group Tumen Public Enterprise Co., Ltd.	6,053	7,938
 Changchun Yatai Heat Inglis Co., Ltd. 	0,055	89,929
 Changre Group Jilin Changtie Public Utilities Co., Ltd. 	59	
– Changchun Light Railway Heating Company	208	_
	0.000	07.007
	6,320	97,867

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26. RELATED PARTY TRANSACTIONS (CONTINUED)

(c) Outstanding balances with related parties (Continued)

The Group's balances with its related parties are as follows (Continued):

	30 June 2020 RMB'000 (Unaudited)	31 December 2019 RMB'000 (Audited)
Other payables due to		
A fellow subsidiary		
 Jilin Province Heating Group Limited 	53	53
 Changchun Light Railway Heating Company 	30	-
Associates of the Shareholder		
 Jilin Province New Model Pipes Co., Ltd. 	1,426	-
 Jilin Heating Intelligent Equipment Co., Ltd. 	125	125
The Shareholder		
– Changchun Heating Group	1,170	1,148
	2,804	1,326
Lease liabilities due to		
The Shareholder		
– Changchun Heating Group	160	680

Related party balances, including trade receivables due from related parties, contract assets due from related parties, prepayments due from related parties, and trade payables due to related parties are trade in nature.

Related party balances, including other receivables due from related parties, other payables due to related parties and other borrowings due to related parties, are non-trade in nature.

(d) Transactions with other government-related entities in the PRC

The Company 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 "government-related entities"). Changchun Heating Group, the parent of the Company and the ultimate holding company of the Company, is a PRC state-owned enterprise and these government-related entities are also considered as related parties of the Group in this respect.

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26. RELATED PARTY TRANSACTIONS (CONTINUED)

(d) Transactions with other government-related entities in the PRC (Continued)

Apart from the transactions with Changchun Heating Group mentioned above, the Group also conducts some business activities with government-related entities in the ordinary course of business. These transactions are carried out on terms similar to those that would be entered into with non-government-related entities. Transactions with other government-related entities include but are not limited to the following:

- Provision and distribution of heat;
- Maintenance and construction services;
- Purchase of heating resource; and
- Depositing and borrowing money.

The tariff of heat supply is regulated by the relevant government authorities. The Group prices its other services and products based on commercial negotiations. The Group has also established its approval processes for the provision and distribution of heat, purchase of products and services and its financing policy for borrowings. Such approval processes and financing policy do not depend on whether the counterparties are government-related entities or not.

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 relationships on the financial statements, the directors of the Company are of the opinion that further information about the following transactions that are collectively significant is required for disclosure:

- The Group deposits most of its cash in government-related financial institutions, and also obtains short-term and long-term loans from these financial institutions in the ordinary course of business. The interest rates of the bank deposits and loans are regulated by the People's Bank of China.
- (ii) Revenue from the provision and distribution of heat and construction and maintenance services to the companies which are government-related entities accounted for 36% of the total revenue for the six months ended 30 June 2020 (six months ended 30 June 2019: 29%).
- (iii) Significant transactions with government-related entities also included a large portion of heat procurement amounting to RMB252,977,000 for the six months ended 30 June 2020 (six months ended 30 June 2019: RMB245,346,000).
- (iv) For the six months ended 30 June 2020, the Group principally derived the revenue for the construction, maintenance and design services from China Railway Ninth Bureau Group Fourth Engineering Co., Ltd. (中鐵九局集團第四工程有限公司) and Jilin University (吉林大學) amounting to RMB57,516,000. For the six months ended 30 June 2019, the Group principally derived the revenue for the construction, maintenance and design services from China Construction Third Engineering Bureau Co. Ltd. (中建三局集團有限公司) and China Railway Ninth Bureau Group Fourth Engineering Co., Ltd. (中鐵九局集團第四工程有限公司) amounting to RMB80,984,000.

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27. BUSINESS COMBINATION

The Company and Changchun FAWSN Group Co., Ltd ("Changchun FAWSN") held 50% of the shares of Xixing Energy, respectively. According to the articles of association of Xixing Energy, the Group has joint control over Xixing Energy which was accounted for as a joint venture accordingly.

On 11 June 2020, the Company acquired 50% shares in Xixing Energy from Changchun FAWSN as part of the Group's strategy to expand its market share of heating industry. The purchase consideration for the acquisition was in the form of cash, with a total of RMB52 million paid on 9 June 2020 and 15 June 2020.

Upon completion of the transaction, the Company held 100% of Xixing Energy's shares in total. The directors of the Company considered that the Company obtains control over Xixing Energy and has consolidated Xixing Energy's financial position and performance into the Group's condensed consolidated financial statements since the acquisition date of 11 June 2020.

	11 June 2020 Fair value RMB'000 (Unaudited)
	(Onaddited)
Assets	
Property, plant and equipment	34,381
Intangible assets	121
Right-of-use assets	2,515
Inventories	3,273
Trade and bills receivables	11,215
Prepayments and other receivables	5,668
Financial assets at fair value through profit or loss	50,632
Cash and cash equivalents	21,808
Liabilities	
Deferred tax liabilities	(9,195)
Deferred income	(2,323)
Contract liabilities	(214)
Tax payable	(735)
Other payables and accruals	(2,876)
Trade payables	(4,015)
Dividend payable	(5,305)
Net assets	104,950
Non-controlling interests	-
Share of net assets acquired	104,950
Gains on acquisition	(950)
Satisfied by:	
Cash	52,000
Fair value of previously held equity interest	52,000
	104,000

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27. BUSINESS COMBINATION (CONTINUED)

Details of the 50% equity interest held by the Group before the acquisition of Xixing Energy and the profit from the investment are as follows:

	11 June 2020 Fair Value RMB'000
	(Unaudited)
Initial investment cost	63,557
Share of profit accumulated under the equity method	3,265
Share of changes in reserves under the equity method	(2,291)
Cash dividends declared	(8,194)
Book value of the investment in 50% equity of Xixing Energy on the acquisition date	56,337
Fair value of the investment in 50% equity of Xixing Energy on the acquisition date (Note)	52,000
Loss on previously held equity interest remeasured at fair value on the acquisition date	(4,337)
Note: The fair value was determined by the valuation report issued by an independent qualified valuer.	

An analysis of the cash flows in respect of the acquisition of Xixing Energy is as follows:

	RMB'000 (Unaudited)
Cash consideration Cash and bank balances acquired	(52,000) 21,808
Net outflow of cash and cash equivalents included in cash flows from investing activities	(30,192)

The operating results and cash flows of Xixing Energy since the acquisition date to 30 June 2020 are as follows:

	RMB'000 (Unaudited)
Revenue	291
Loss for the period Net cash out flows	(1,431) (7,067)

Had the combination taken place at the beginning of the year, the revenue from continuing operations of the Group and the loss of the Group for the period would have been RMB673,656,000 and RMB90,957,000, respectively.

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28. FAIR VALUE AND FAIR VALUE HIERARCHY OF FINANCIAL INSTRUMENTS

All assets and liabilities for which fair value is measured or disclosed in the condensed consolidated financial statements are categorised within the fair value hierarchy, described as follows, based on the lowest level input that is significant to the fair value measurement as a whole:

- Level 1 Based on quoted (unadjusted) market prices in active markets for identical assets or liabilities
- Level 2 Based on valuation techniques for which the lowest level input that is significant to the fair value measurement is observable, either directly or indirectly
- Level 3 Based on valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable.

The carrying amounts and fair values of the Group's financial instruments, other than those with carrying amounts that reasonably approximate to fair values and those carried at fair value, are as follows:

30 J	30 June 2020		mber 2019
Carrying		Carrying	
amounts	Fair values	amounts	Fair values
RMB'000	RMB'000	RMB'000	RMB'000
(Unaudited)	(Unaudited)	(Audited)	(Audited)

Financial liabilities

Interest-bearing bank and other				
borrowings	80,763	80,763	10,715	10,715

Management has assessed that the fair values of cash and cash equivalents, trade receivables, trade payables, financial assets included in prepayments and other receivables, and financial liabilities included in other payables and accruals approximate to their carrying amounts largely due to the short term maturities of these instruments.

At the end of each reporting period, the finance department analyzes the movements in the values of financial instruments.

The fair values of the interest-bearing bank and other borrowings have been calculated by discounting the expected future cash flows using rates currently available for instruments with similar terms, credit risk and remaining maturities. The Group's own non-performance risk for interest-bearing bank and other borrowings at the end of each reporting period was assessed to be insignificant.

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28. FAIR VALUE AND FAIR VALUE HIERARCHY OF FINANCIAL INSTRUMENTS (CONTINUED)

Fair value hierarchy

The following illustrates the fair value measurement hierarchy of the Group's financial instruments:

Assets measured at fair value

The following tables illustrate the fair value measurement hierarchy of the Group's financial instruments:

		30 June 202	20 (Unaudited)			31 December	r 2019(Audited)	
	Quoted prices in active markets Level 1	Significant observable inputs Level 2	unobservable inputs	Total	Quoted prices in active markets Level 1	Significant observable inputs Level 2	Significant unobservable inputs Level 3	Total
Financial assets at fair value through profit or loss	50,763	_	-	50,763	_	_	_	_
Bills receivable	-	4,655	-	4,655	-		-	
	50,763	4,655	-	55,418	-	_	-	_

Liabilities measured at fair value

The Group did not have any financial liabilities measured at fair value at the end of the reporting period.

During the period/year ended 30 June 2020/31 December 2019, there were no transfers between Level 1 and Level 2, or transfers into or out of Level 3 for both financial assets and financial liabilities. The Group's policy is to recognize transfers between levels of the fair value hierarchy as at the end of the reporting period in which they occur.

29. EVENTS AFTER THE REPORTING PERIOD

There are no significant reportable events or transactions incurred after the reporting period and up to the date of approval of the interim condensed consolidated financial information.

30. APPROVAL OF THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION

The interim condensed consolidated financial information of the Group for the six months ended 30 June 2020 was approved and authorized for issue by the board of directors on 21 August 2020.



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"Articles" or "Articles of Association"	the articles of association of the Company, as amended, modified or otherwise supplemented from time to time
"Board"	the board of Directors of the Company
"Changchun Heating Group"	Changchun Heating Power (Group) Company Limited* (長春市熱力(集團)有限 責任公司), the controlling Shareholder of the Company
"China" or "PRC"	the People's Republic of China, excluding, for the purpose of this report, Hong Kong, Macau Special Administrative Region of the PRC and Taiwan
"Company", "we", "us", or "our"	Jilin Province Chuncheng Heating Company Limited* (吉林省春城熱力股份有限公司) (stock code: 1853), which was incorporated in the PRC on 23 October 2017 and is a joint stock limited liability company
"Corporate Governance"	the Corporate Governance Code and Corporate Governance Report contained in Appendix 14 to the Listing Rules
"Director(s)"	the director(s) of the Company
"Domestic Share(s)"	domestic ordinary share(s) in the Company's registered capital with a nominal value of RMB1.00 each, which are subscribed for and paid up in RMB and held by PRC nationals or PRC incorporated entities, and are not listed or traded on any stock exchange
"Group"	the Company and its subsidiaries
"H Share(s)"	the ordinary share(s) in issue in the share capital of the Company with a nominal value of RMB1.00 each, which are listed on the main board of the Hong Kong Stock Exchange
"heat service area"	gross floor areas covered by heat supply, including both the heat service area which we fully and partially charge for our heat fees
"Hong Kong"	the Hong Kong Special Administrative Region of the People's Republic of China
"Hong Kong dollars" or "HK\$"	the lawful currency of Hong Kong
"Hong Kong Stock Exchange" or "Stock Exchange"	The Stock Exchange of Hong Kong Limited
"IFRS"	International Financial Reporting Standards, which include standards, amendments and interpretations promulgated by the International Accounting Standards Board and the International Accounting Standards and interpretation issued by the International Accounting Standards Committee
"Listing"	the listing of the H Shares of the Company on the main board of the Hong Kong Stock Exchange



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"Listing Rules"	the Rules Governing the Listing of Securities on the Hong Kong Stock Exchange, as amended from time to time
"Model Code"	the Model Code for Securities Transactions by Directors of Listed Issuers contained in Appendix 10 to the Listing Rules
"No.4 Cogeneration Plant"	Huaneng Jilin Energy Sales Co., Ltd.* (華能吉林能源銷售有限公司) and Changchun thermal power plant of Huaneng Jilin Power Generation Co., Ltd.* (華能吉林發電有限公司長春熱電廠), the wholly-owned subsidiary and branch of Huaneng Jilin Power Generation Co., Ltd.* (華能吉林發電有限公司), which are independent third parties and primarily engaged in power generation/ heat generation businesses, and where the context requires, the cogeneration plant operated, individually or collectively by the above
"No. 5 Cogeneration Plant"	Jilin Electric Power Co., Ltd. Changchun Thermoelectricity Branch* (吉林電 力股份有限公司長春熱電分公司), principally engaged in electricity supply and heat production, which is an independent third party
"Pipelines Company"	Jilin Province Changre Pipelines Transmission Company Limited* (吉林省長熱 管網輸送有限公司), a wholly-owned subsidiary of the Company
"Reporting Period"	the period from 1 January 2020 to 30 June 2020
"RMB"	the lawful currency of the PRC
"Shareholder(s)"	the shareholder(s) of the Company
"Share(s)"	ordinary share(s) in the capital of the Company with a nominal value of RMB1.00 per share $% \left({{\left[{{\left({{K_{\rm s}} \right)} \right]_{\rm s}}} \right)} \right)$
"Supervisor(s)"	the supervisor(s) of the Company
"Three Supplies and Property Management"	heat supply, water supply, electricity supply and property management services
"Xixing Energy"	Jilin Province Xixing Energy Limited* (吉林省西興能源有限公司), previously known as Changchun FAW Sihuan Kinetic Company Limited* (長春一汽四環動能有限公司)
"%"	percentage
"*"	for identification purpose only



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CORPORATE INFORMATION

Name in Chinese:吉林省	春城熱力股份有限公司			
Name in English: Jilin Province Chuncheng Heating				
Compa	any Limited*			
Registered Address: No. 28, Block B Nanhu Road				
Co	mmunity, No. 998			
Na	nhu Road, Nanguan District,			
Ch	angchun City, Jilin Province, PRC			
Headquarters/Principal	No. 28, Block B Nanhu Road			
Place of Business:	Community, No. 998			
	Nanhu Road, Nanguan			
	District, Changchun City,			
	Jilin Province, PRC			
Place of Business	46/F, Hopewell Centre,			
in Hong Kong:	183 Queen's Road East			
	Wanchai, Hong Kong			
Company's Website:	www.cc-tp.com.cn			
Email:	ccrl-zqb@ccrljt.com			

INFORMATION OF SHARES OF THE COMPANY

Stock Short Name: Stock Code: CHUNCHENG HEAT 1853

EXECUTIVE DIRECTORS

Mr. YANG Zhongshi (Vice Chairman of the Board) Mr. SHI Mingjun Mr. XU Chungang Mr. LI Yeji

NON-EXECUTIVE DIRECTOR

Mr. LIU Changchun (Chairman of the Board)

INDEPENDENT NON-EXECUTIVE DIRECTORS

Mr. WANG Yuguo Mr. FU Yachen Mr. POON Pok Man

SUPERVISORS

Mr. WANG Fenghua (*Chairman*) Ms. WANG Xuejing Ms. LI Xiaoling

AUTHORIZED REPRESENTATIVES

Mr. XU Chungang Mr. WAN Tao

AUDIT COMMITTEE

Mr. POON Pok Man (Chairman) Mr. LIU Changchun Mr. WANG Yuguo

REMUNERATION COMMITTEE

Mr. FU Yachen *(Chairman)* Mr. XU Chungang Mr. POON Pok Man

NOMINATION COMMITTEE

Mr. WANG Yuguo *(Chairman)* Mr. YANG Zhongshi Mr. FU Yachen

STRATEGY COMMITTEE

Mr. LIU Changchun *(Chairman)* Mr. SHI Mingjun Mr. WANG Yuguo

JOINT COMPANY SECRETARIES

Mr. WAN Tao Mr. LEE Chung Shing (appointed on 14 August 2020) Ms. TONG Suet Fong (resigned on 14 August 2020)

H SHARE REGISTRAR

Computershare Hong Kong Investor Services Limited Shops 1712-1716, 17th Floor, Hopewell Centre, 183 Queen's Road East, Wan Chai, Hong Kong

CORPORATE INFORMATION

JILIN PROVINCE CHUNCHENG HEATING COMPANY LIMITED | INTERIM REPORT 2020

AUDITOR

Ernst & Young 22/F, CITIC Tower, 1 Tim Mei Avenue, Central, Hong Kong

LEGAL ADVISERS

as to Hong Kong law:

Lau, Horton & Wise LLP In Association with CMS Hasche Sigle, Hong Kong LLP 8th Floor, Nexxus Building 41 Connaught Road Central Hong Kong

as to PRC law:

Jilin ZhengJi Law Firm* (吉林正基律師事務所) No.1 Fuzhi Road Jingyue Economic Development Zone Changchun City, Jilin Province, PRC

COMPLIANCE ADVISER

Messis Capital Limited Room 1606, 16/F, Tower 2 Admiralty Centre 18 Harcourt Road, Admiralty Hong Kong

PRINCIPAL BANKS

Jilin Jiutai Rural Commercial Bank (Xinjia Branch) Jilin Jiutai Rural Commercial Bank (Jingyue Branch) Bank of Jilin Co., Ltd. (Changchun Technology Branch) Bank of China Co., Ltd. (Nanhu Road Branch) Bank of China Co., Ltd. (Jiefang Road Branch) Bank of Communications Co., Ltd. (Chaoyang Branch) Bank of Jilin Co., Ltd. (Changchun FAW Branch)