



**Bingshan Refrigeration & Heat Transfer  
Technologies Co., Ltd.**

**2021 Semiannual Report**

**August, 2021**

## **Section 1 Important Notice, Table of Contents, and Definitions**

**The directors and the Board of Directors, the supervisors and the Supervisory Board, and Senior staff members of Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd.(hereinafter referred to as the Company) hereby confirm that there are not any important omissions, fictitious statements or serious misleading carried in this report, and shall take all responsibilities, individual and/or joint, for the reality, accuracy and completeness of the whole contents.**

**All directors have attended this Board meeting of the Company.**

**There is no significant risk having adverse influence on attainment of the Company's future development strategy and business targets. The paragraph " Management discussion and analysis" in Section 3 of this Semiannual Report describes major risks , including the risk of increasing market competition risk, the market promotion for new product and new technology slow and the accounts receivable is on the high side. See the related sections for the countermeasures to be taken by the Company.**

**The Company plans to distribute no cash dividends, no bonus shares and convert no reserve fund into capital stock.**

**Chairman of the Board of Directors of the Company Mr. Ji Zhijian, Financial Majordomo Mrs. Wang Jinxiu, and the head of Accounting Department Mr. Li Sheng hereby confirm that the financial report of the semi-annual report is true and complete.**

**This report is written respectively in Chinese and in English. In the event of any discrepancy between the two above-mentioned versions, the Chinese version shall prevail.**

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## Reference Documents

1. The accounting statements bearing the signatures and seals of the legal representative, the financial majordomo and the accountants in charge.
2. The original copies of all the Company's documents and the original copies of the bulletins published on the newspapers designated by the China Securities Regulatory Commission in the report period.

3. Time for reference: from Monday to Friday 8:00 - 11:30 (am) 1:00 - 4:30 (pm)

Liaison persons: Mr. Song Wenbao, Ms Du Yu

Tel: 0086-411-87968130

Fax: 0086-411-87968125

## Definitions

Defined item	Stands for	Meaning
Reporting period	Stands for	From Jan. 1, 2021 to Jun. 30, 2021
The Company, this Company	Stands for	Bingshan Refrigeration & Heat Transfer Technologies Co.,Ltd.
Bingshan Engineering Company	Stands for	Dalian Bingshan Group Engineering Co., Ltd.,one of the subsidiaries of the Company where the Company holds 100% of its shares.
Wuxin Refrigeration	Stands for	Wuhan New World Refrigeration Industry Co., Ltd., one of the subsidiaries of the Company where the Company holds 100% of its shares.
Bingshan Service Company	Stands for	Bingshan Technology Service (Dalian) Co., Ltd. one of the subsidiaries of the Company where the Company holds 100% of its shares.
Panasonic Compressor	Stands for	Panasonic Appliances Compressor (Dalian) Co., Ltd. one of the associated companies of the Company, where the Company holds 40% of its shares.
Panasonic Cold-Chain	Stands for	Panasonic Appliances Cold-Chain (Dalian) Co., Ltd. one of the associated companies of the Company, where the Company holds 40% of its shares.
Panasonic Refrigerating System	Stands for	Panasonic Appliances Refrigerating System (Dalian) Co., Ltd., one of the associated companies of the Company, where the Company holds 20% of its shares
Jing Xue Insulation	Stands for	Jiangsu JingXue Insulation Technology Co.,Ltd., one of the associated companies of the Company, where the Company holds 21.91% of its shares.

## Section 2 About the Company and Main Financial Indicators

### I. Company information

Short form of the stock	Bingshan; Bingshan B
Stock code	000530; 200530
Listed stock exchange	Shenzhen Stock Exchange
Legal name in Chinese	冰山冷热科技股份有限公司
Short form of legal name	冰山冷热
Legal English name	Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd.
Abbreviation of legal English name	Bingshan
Legal representative	Ji Zhijian

### II. Contact persons and information

	Secretary of the Board of Directors	Authorized representative for securities affairs
Name	Song Wenbao	Du Yu
Address	No.106, Liaohe East Road, Dalian Economic and Technological Development Zone	No.106, Liaohe East Road, Dalian Economic and Technological Development Zone
Tel.	0411-87968130	0411-87968822
Fax	0411-87968125	0411-87968125
E-mail	000530@bingshan.com	000530@bingshan.com

### III. Other situations

#### 1. Contact of company

If the registered address, office address and zip code, website, email box of the Company had any change in the report period

Applicable     Not applicable

#### 2. Information disclosure and place of preparation

If the information disclosure and the place of preparation had any change in the report period

Applicable     Not applicable

The name of newspaper for information disclosure selected by the Company, the address of the website designated by China Securities Regulatory Commission for carrying semi-annual report, the place where the semi-annual report of the Company is prepared had no change in the report period. Refer to the Annual Report for 2020 for details.

### IV. Main accounting data and financial indicators

Did the Company retroactively adjust or restate the accounting data of previous years due to change in the accounting policy and correction of accounting mistakes?

Applicable     Not applicable

Unit: RMB Yuan

	2021.1-6	2020.1-6	Increase/decrease compared with the same period of last year
Operating revenue	1,094,285,620.97	873,403,414.46	25.29%
Net profit attributable to shareholders of listed companies	-14,584,210.01	-23,604,345.52	38.21%
Net profit belonging to the shareholders of listed companies after the deduction of non-recurring profit and loss	-11,882,674.61	-8,256,994.99	-43.91%
Net cash flow from operating activities	-28,887,836.28	-78,350,688.75	63.13%
Basic earnings per share	-0.017	-0.028	39.29%
Diluted earnings per share	-0.017	-0.028	39.29%
Weighted average return on net asset yield	-0.43%	-0.70%	Increase 0.27 percentage points
	2021.6.30	2020.12.31	Increase/decrease compared with 2020.12.31
Total assets	5,877,895,817.75	5,681,568,328.36	3.46%
Owner's equity attributable to shareholders of listed companies	3,336,469,482.70	3,375,609,788.07	-1.16%

### V.1. Difference of accounting data between as per Chinese accounting standards and as per International Accounting Standards

Applicable  Not applicable

### 2. Difference of accounting data between as per Chinese accounting standards and as per Foreign Accounting Standards

The difference of accounting data between as per Chinese Accounting Standards and as per International Accounting Standards was 0.

### VI. Non-recurring profits and losses and their amounts

item	Amount
Disposal gains and losses of non-current asset	8,393.93
Government subsidies included in current profit or loss	914,454.99
Disposal gains from investments on financial assets available for sale, and gains from fair value change of other non-current financial assets	-5,034,903.12
Other non-operating revenue or expense	1,377,409.33
Influence on income tax	-370,653.73
Influence on minority shareholders	337,544.26
Total	-2,701,535.40

## Section 3 Management discussion and analysis

### I. The Company's Main business during the reporting period

Focusing on the hot and cold business, the Company is committed to the development of industrial refrigeration and heating business, commercial refrigeration business, air conditioning and environment business, engineering and service business and new business fields, covering the key areas of the hot and cold industry chain and creating a complete hot and cold industry chain.

The Company's main products include piston and screw refrigeration compressors, pressure vessels, combined warehouses, controlled atmosphere storage, quick freezer, ice maker, flake ice maker, granulator, etc., which are used in national defense, scientific research, petroleum, chemical, textile, medicine, power generation, agriculture, animal husbandry, fishery and catering service industries. The Company's product sales and comprehensive solutions provide both domestic and international markets, with self-supporting sales as the main and channel sales as the auxiliary.

In the first half of 2021, rigid demands such as food safety, consumption upgrading, energy conservation and emission reduction will benefit the refrigeration and air conditioning industry. At the same time, the refrigeration and air conditioning industry is also facing the problems of intensified market competition, increased cost pressure, and difficulty in improving efficiency. In the face of opportunities and challenges, the Company focused on the hot and cold business, strengthened and optimized the professional work department, deeply cultivated the advantageous market segments of cold chain logistics, beer and dairy products, petrochemical industry, marine refrigeration, environmental simulation, ice and snow, and actively expanded and occupied the domestic market.

#### 1. Industrial refrigeration and heating business

Industrial refrigeration is an important field reflecting the core technology of the Company. After years of development, the Company has been close to the technical level of the main international competitors in the field of industrial refrigeration, and has achieved catching up in some fields. Based on the traditional refrigeration, the Company realizes the balance of cold and heat through the utilization of heat, which greatly improves the energy utilization rate.

#### 2. Commercial refrigeration business

Commercial refrigeration is the Company's core business. In China, the Company takes the lead in opening up the green intelligent cold chain from the first kilometer of the field to the last 100 meters of the residential community, which is the competitive advantage of the Company.

Focusing on food refrigeration, the Company has patented products pre-cooling from the field, all kinds of quick freezing equipment and refrigeration facilities of various specifications, and China's leading experience in the design and installation of large-scale ammonia and carbon dioxide refrigerators. On the basis of absorbing the relevant experience of Japan, Europe and the United States, combined with China's new needs, to provide newer products, better solutions and fresher experience for the field of food freezing and refrigeration.

#### 3. Air conditioning and environment business

In recent years, relying on the complete industrial chain, the Company has continuously carried out transformation and upgrading in the field of air conditioning and environment, developed more energy-saving and environmental protection products around the blue sky project, and accelerated the transformation and upgrading from air treatment to environmental governance.

At present, the Company has developed a series of innovative products around the market segments of commercial air conditioning, central air conditioning and special air conditioning, and provides corresponding solutions in different segments around these innovative products. For hospitals, electronic factories, high-end real estate, rail transit and other fields, provide targeted solutions.

#### 4. Engineering and service business

Cold and hot engineering and service are the Company's advantageous business fields. In recent years, the Company has realized transformation and upgrading from the manufacturer of cold and hot equipment to the service provider of comprehensive solution of cold and hot through the development of engineering and service industry, and realized the dual wheel drive of the enterprise, and provided more professional and accurate services to each segment market, and constantly created new value for customers and realized common growth.

At present, the Company focuses on petrochemical technology, refrigeration, central air conditioning, ice and snow engineering, artificial environment and other market segments. Relying on the enterprise's industrial chain, value chain and ecosystem, the Company provides services from consulting, planning, design to manufacturing, installation, commissioning and service in the whole process and life cycle. At the same time, according to the needs of customers, promote the combination of industry and finance, and provide services for customers through the form of project general contracting and financial leasing.

The Company not only provides customized products and projects for customers, but also relies on Bingshan Industrial Internet to provide customers with full life cycle intelligent services. The Company's customized remote monitoring system, relying on the Internet, Internet of things, cloud platform and big data, provides advance services for the refrigeration system, realizes rapid response to on-site maintenance through app software, and provides 4S, energy-saving transformation, security transformation, computer room hosting and other services for the cooling and heating system through these information and intelligent means.

#### 5. New business

With the deepening of China's economic transformation and upgrading, as well as the continuous introduction of environmental governance policies, the domestic industrial energy conservation and environmental protection industry is growing rapidly, the level of energy conservation and consumption reduction of enterprises and the comprehensive utilization of resources is constantly improving, and the energy industrial structure has changed. Strengthening the optimal utilization of energy has become a development trend. For low-grade energy recycling, the Company provides customers with a series of energy-saving, environmental protection, efficient new products, in line with the national strategic requirements of energy conservation, emission reduction and sustainable development, and contributes professional wisdom to the national carbon peak and carbon neutral strategy.

### II. Analysis of core competence

The Company focuses on main business of cold and heat; independent R&D and joint venture partnerships are cooperate with each other effectively; capital resources integration and business model innovation are in a positive interaction; the community of business and interest are being multi-storey created; the develop mode with Bingshan characteristic are formed.

The Company has the integrated cold-heat industrial chain for offering kinds of comprehensive solution services, including design, manufacture, installation and maintenance etc., and can satisfy individual requirements preferably.

The Company possesses a mature and solid marketing networks and after-sale service network on/off-line, and can offer high quality and high value-added services more initiative and faster for clients from around the city.

After overall relocation reform, the new factory of intelligence, environment protection, high efficiency and safety are put into used, which produces a strong comparative advantage for creating higher value to the customers.

While move forward with transformation and upgrading for former business, the Company will implement the cultivation for new business, thus the sustainable healthy development will come more and more feasible.

Core-competency of the Company further promoted in the reporting period.

### III. Analysis of main business

In the first half of 2021, the Company further focused on the hot and cold main business and market segments, focused on the improvement of main business and the cultivation of new kinetic energy, continued to improve and innovate, improve quality and efficiency, and solidly enhanced its core competitiveness. In the first half of 2021, the Company achieved operating income of 1,094,286 thousand yuan, a year-on-year increase of 25.29%; achieved net profit attributable to shareholders of the Company of -14,584 thousand yuan. Net profit slipped into loss, mainly affected by the rising prices of raw materials, the cost pressure of the Company and associated companies increased, and the improvement effect of the Company's main business was not fully reflected.

During the reporting period, the Company adhered to the principle of innovation and took the initiative to change. The construction of corporate culture is carried out in a pragmatic way, unified thinking, dream weaving, and several core technical personnel return. The organization is strengthened and vigorously promoted, and the market-oriented integrated operation is implemented through organizational restructuring and business process reengineering. Through the project management system, fully implement the project budget, the whole process of operation control, ensure profits and prevent risks. The improvement of engineering capacity and manufacturing capacity was implemented in an orderly manner, with a significant year-on-year increase in orders and a significant improvement in operating cash flow. The red water pre-cooling device was selected as "innovative products of 2021 China Refrigeration Exhibition".

During the reporting period, Bingshan Engineering company, a subsidiary of the Company, optimized and

strengthened its professional work department, specialized and deeply cultivated its advantageous market segments. It won the bid of Xinjiang Production and Construction Corps central kitchen project (the contract amount is about 340 million yuan), which is the largest single project contract in the history of the Company. It won the bid of Shanghai Star indoor comprehensive ice and snow venue project (the contract amount is about 130 million yuan), which is the largest ice and snow integration contract in China at present. It won the bid of Zhongwei Guolian project (the contract amount is about 120 million yuan), which is the largest contract of apple controlled atmosphere storage undertaken by the Company in recent years. Polysilicon projects have been awarded repeatedly, with a total contract amount of about 80 million yuan. CO2 projects broke out in a centralized way, and the influence increased rapidly.

During the reporting period, Wuhan New World Refrigeration, a subsidiary of the Company, further implemented the optimization of products and solutions in combination with the national strategy of "carbon peaking and carbon neutralization". Integrate capital resources, focus on standard products and energy products with remarkable energy saving and emission reduction effect, and comprehensive solutions such as industrial waste heat utilization, natural gas liquefaction, comprehensive utilization of natural gas pressure energy, and anti freezing of coal mine shaft. Marine screw expansion generator set was selected as "innovative product of 2021 China Refrigeration Exhibition".

During the reporting period, the new service platform of Bingshan Service company, a subsidiary of the Company, was put into use, and the pace of business innovation was accelerated. Bingshan service cloud platform 2.0 system is officially launched, which will further improve the online service quality and provide customers with convenient and fast remote services and data analysis. The trusteeship and operation guarantee business of equipment room has been solidly promoted, and the layout of national service network has been continuously optimized. Equipment recycling, equipment leasing, energy management and other service extension projects were successfully implemented.

Main financial data variations as compared to the same period of last year

Monetary unit: RMB Yuan

	Report period	Same period of last year	Increase or decrease from the same period of last year	Reason for variation
Operating revenue	1,094,285,620.97	873,403,414.46	25.29%	
Operating cost	950,404,769.26	748,075,096.12	27.05%	
Selling and distribution expenses	56,710,524.65	35,446,794.72	59.99%	This is mainly due to the limitation of normal sales activities during the same period last year due to the outbreak of COVID-19.
Administrative expenses	71,726,497.78	70,770,126.86	1.35%	
Financial expenses	6,240,668.73	10,061,328.07	-37.97%	Mainly is the current loan decreases, the interest expense decreases accordingly; At the same time, the amount of money collected increased, and the interest income increased.
Income tax	2,514,997.49	-1,492,259.17	268.54%	Mainly is the company held Guotai Junan stock market value changes deferred income tax.
R&D expenses	30,738,151.60	24,715,021.28	24.37%	

Net cash flow coming from operating activities	-28,887,836.28	-78,350,688.75	63.13%	Mainly due to an increase in cash received from sales of merchandise.
Net cash flow coming from investment activities	26,104,458.71	9,300,097.50	180.69%	Mainly due to the amount of equity transfer received from the second phase of Bingshan Consulting and a large dividend from Panasonic compressor.
Net cash flow coming from fund-raising activities	-57,923,362.57	36,370,952.10	-259.26%	Mainly due to a decrease in the amount of cash received for borrowings and an increase in the amount of cash paid to service debt due to a decrease in working capital loans.
Net increase in cash and cash equivalents	-60,589,772.47	-32,637,366.94	-85.65%	

### Sales income and costs

	Report period		Same period of last year		Increase or decrease from the same period of last year
	Amount	Proportion to the Sales costs	Amount	Proportion to the Sales costs	
Total sales income	1,094,285,620.97	100%	873,403,414.46	100%	25.29%
By industry					
Refrigeration and air-conditioning equipment	1,069,601,775.40	97.74%	857,035,486.66	98.13%	24.80%
Others	24,683,845.57	2.26%	16,367,927.80	1.87%	50.81%
By product					
Industrial products	864,579,358.55	79.01%	706,209,216.71	80.86%	22.43%
Installation project	196,759,744.53	17.98%	140,901,726.54	16.13%	39.64%
Other products and services	32,946,517.89	3.01%	26,292,471.21	3.01%	25.31%
By region					
Domestic sales	1,036,222,666.10	94.69%	811,120,620.69	92.87%	27.75%
Foreign sales	58,062,954.87	5.31%	62,282,793.77	7.13%	-6.78%

### Main business structure

Monetary unit: RMB yuan

	Operating revenue	Operating costs	Gross profit	Increase/decrease of operating revenues from the same period of last year	Increase/decrease of operating costs from the same period of last year	Increase/decrease of gross profit from the same period of last year
By industry						
Refrigeration and air-conditioning	1,069,601,775.40	939,531,941.76	12.16%	24.80%	28.28%	Decrease 2.38 percentage points
By product						
Industrial products	864,579,358.55	739,818,056.96	14.43%	22.43%	27.08%	Decrease 3.14 percentage points
Installation project	196,759,744.53	192,591,016.59	2.12%	39.64%	36.23%	Increase 2.45 percentage points
Other products and services	8,262,672.32	7,122,868.21	13.79%	-16.75%	-20.00%	Increase 3.50 percentage points
By region						

Domestic sales	1,011,538,820.53	887,688,139.05	12.24%	26.91%	29.89%	Decrease 2.02 percentage points
Foreign sales	58,062,954.87	51,843,802.71	10.71%	-3.19%	5.78%	Decrease 7.58 percentage points

#### IV. Analysis of the non-main business

√ Applicable □ Not applicable

unit: RMB yuan

income from investment	28,211,757.61	It is sustainable
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In the corporate profit composition, the investment income accounts for a large proportion, mainly because the Company has many associated companies and the overall profitability is strong, and the investment income is sustainable.

During the reporting period, Panasonic Compressor, an associated company of the Company, grew steadily in response to changes. Market development has been steadily promoted, and the market share of leading products has increased for two consecutive years. The research and development of 25HP high-power scroll compressor has been completed and put into the market. The CO<sub>2</sub> rotary compressor has been successfully applied to the new generation hydrogen hybrid electric locomotive of CRRC. Deepen organizational change, set up South China Support Center, support direct sales and agents to develop the heat pump market.

During the reporting period, the Company's associated company, Panasonic Cold Chain, continued to deepen its advantageous market. Master Kong's cooperation has been further expanded, and the beverage freezer market has again won large orders. In response to the personalized demand of Meituan optimization, the first one-piece, high-capacity refrigerant storage quick freezing equipment in China was quickly launched. Based on the good cooperation of Costco's first store in China (Shanghai store), we successfully won the bid of Costco's second store in China (Suzhou store).

During the reporting period, the Company's associated company, Panasonic Refrigerator System further improved its engineering and manufacturing capabilities. It won the bid of Beijing Yizhuang pharmaceutical cold storage project and contracted to build the first covid-19 vaccine cold storage with high quality. It won the bid for Sinopharm Wuhan covid-19 vaccine storage project, and contracted to build the second covid-19 vaccine cold storage at a high speed. The newly developed 40HP high-power semi-enclosed piston compressor is officially launched, which can provide better service for customers.

During the reporting period, Jingxue Energy Saving, an associated company of the Company, successfully obtained the approval of China Securities Regulatory Commission for registration and was listed on the growth enterprise market of Shenzhen Stock Exchange on June 18, 2021. The future development will be assisted by the capital market.

#### V. Analysis of assets & liabilities

##### 1. Remarkable change in assets

Monetary unit: RMB yuan

	30-6-2021		31-12-2020		Proportion increase/decrease.
	Amount	Proportion to the total assets	Amount	Proportion to the total assets	
Monetary funds	312,814,043.49	5.32%	373,445,731.67	6.57%	Decrease 1.25 percentage points
Accounts receivable	879,930,798.08	14.97%	817,011,955.75	14.38%	Increase 0.59 percentage points
Contract assets	93,128,010.70	1.58%	91,430,011.60	1.61%	Decrease 0.03 percentage points
Inventories	857,546,805.51	14.59%	731,658,797.98	12.88%	Increase 1.71 percentage points
Investment property	123,235,378.12	2.10%	126,288,477.92	2.22%	Decrease 0.12 percentage points
Long-term equity investment	1,606,295,377.43	27.33%	1,597,241,363.62	28.11%	Decrease 0.78 percentage points

Fixed assets	842,597,806.71	14.34%	891,147,058.82	15.68%	Decrease 1.34 percentage points
Construction in progress	39,010,357.07	0.66%	34,254,599.42	0.60%	Increase 0.06 percentage points
Right of use assets	22,430,952.90	0.38%		0.00%	Increase 0.38 percentage points
Short-term loans	239,530,000.00	4.08%	282,971,600.00	4.98%	Decrease 0.90 percentage points
Contract liabilities	369,202,216.43	6.28%	295,100,657.10	5.19%	Increase 1.09 percentage points
Long-term loans	150,000,000.00	2.55%	160,000,000.00	2.82%	Decrease 0.27 percentage points
Lease liabilities	10,971,589.76	0.19%		0.00%	Increase 0.19 percentage points

## 2. The main overseas assets

Applicable  Not applicable

## 3. Assets & liabilities which are measured by fair value

Applicable  Not applicable

The beginning number is 226,312,440.24 yuan for other non-current financial assets measured by fair value. Changes in the profit and loss of the fair value in this period is -5,034,903.12 yuan, the current sale amount is 0 yuan, and the final number is 221,277,537.12 yuan.

## 3. Restrictions on asset rights at the end of reporting period

Applicable  Not applicable

Items	2021.6.30	Reasons
Monetary fund	58,425,355.47	Guarantee money
Notes Receivable	21,890,716.83	Pledge

## VI. Analysis of investments

### 1. The overall situation

Applicable  Not applicable

Investment in the report period (yuan)	Investment in the same period of last year (yuan)	Amount of variation
1,606,295,377.43	1,597,241,363.62	0.57%

### 2. The significant equity investment during the reporting period

Applicable  Not applicable

### 3 The significant non-equity investment during the reporting period

Applicable  Not applicable

### 4. The financial asset investment

#### (1) The securities investment

Applicable  Not applicable

Stock code	Stock abbreviation	Initial investment cost	Accounting measurement model	Book value at the beginning	Changes in the profit and loss of the fair value in this period	Accumulative change of fair value credited to equity	Current sale amount	Report period profit and loss	Book value in the ending	Accounting subjects	Source of funds
601211	Guotai Jun'an	12,910,008.00	fair value measurement	226,312,440.24	-5,034,903.12	0.00	0	2,194,701.36	221,277,537.12	Other Non-current financial assets	Own funds
total		12,910,008.00	--	226,312,440.24	-5,034,903.12	0.00	0	2,194,701.36	221,277,537.12	--	--

As of June 30, 2021, the Company has held 12,910,008 shares of Guotai Jun'an Securities Co., Ltd.

#### (2) Derivative investment

Applicable  Not applicable

During the reporting period, the Company does not exist derivative investment.

**VII. The material assets and equity sale****1. The material assets sale**

□Applicable √Not applicable

**2. The material equity sale**

□Applicable √Not applicable

**VIII. Analysis of major subsidiary companies and mutual shareholding companies**

√Applicable □ Not applicable

Unit: ten thousand yuan (except for registered capital)

Company name	Type	The main business	registered capital	total assets	net assets	Operating income	Net profit
Panasonic Compressor	mutual shareholding company	Scroll Compressor	JPY 6,200 million	154,876.86	113,966.42	57,928.96	6,651.48
Jing Xue Insulation	mutual shareholding company	New building energy-saving board, refrigerated storage door	RMB108,000 thousand	140,229.65	73,340.57	27,702.85	1,663.77
Bingshan Metal Technology	mutual shareholding company	Pipe system connectors, high-speed rail connectors, hydraulic valve bodies, automotive engine parts, etc.	USD 18.0645 million	41,244.70	33,771.73	23,188.97	2,336.18
Songzhi Dayang Refrigeration & Heat Transfer Technology (Dalian) Co., LTD	mutual shareholding company	Automobile air conditioning, air conditioning equipment manufacturing	USD 15.11789 million	39,581.84	29,488.05	27,884.32	1,520.57

Subsidiary companies obtained or disposed in the reporting period

□Applicable √Not applicable

**IX. The structured corporate bodies which the Company controlled**

□Applicable √Not applicable

**X. Main risks the company faces and response measures**

## (1)Increasing market competition risk

Countermeasures: focus on the hot and cold main business, deeply cultivate the advantage market segmentation; rapidly improve the engineering and manufacturing power; orderly improve the level of intelligent manufacturing and service-oriented manufacturing; speed up the transformation and upgrading of inherent undertakings; accelerate the implementation of new kinetic energy cultivation; continue to build Bingshan enterprise and interest community.

## (2)Risk of slow marketing of new products and technologies

Countermeasures: create differentiated competitiveness of new products and technologies; strengthen the technology marketing and service marketing, and cultivate the market segmentation professionally; appropriate use of financial leasing, contract energy management, project companies and other innovative models.

## (3)Risk of high level of trade receivables

Countermeasures: strictly implement the project management system and further strengthen the management of accounts receivable; enhance quality of contract through intensified customer credit assessment and contract appraisal; effective control of increase in trade receivables by reduction of guarantee deposits, taking bank credit

instruments as guarantee deposits and finance leasing; improve contract execution through stricter review on goods delivery, intensified control on project construction and post-sale service; prepare special composition solutions and incentive policy to accelerate settlement of trade receivables with relatively long aging.

## Section 4 Corporate governance

### I. Shareholders' general meeting convened in the reporting period

Session number of meeting	The type of the meeting	The proportion of participate investors	date	Disclosing date	Disclosing index
2020Annual Shareholders' General Meeting	Annual Shareholders' General Meeting	29.38%	May 14,2021	May 15,2021	<a href="http://www.cninfo.com.cn">http://www.cninfo.com.cn</a>

### II. Changes of directors, supervisors, senior managers of the Company

Name	Position held	Type	Date	Reason
Fan Yuekun	Director; DGM	Leaving office	March 26, 2021	Resign from the Company due to job changes
Dai Dashuang	Independent director	Leave office after the end of term	May 14, 2021	Leave office after the end of term
Liu Jiwei	Independent director	Leave office after the end of term	May 14, 2021	Leave office after the end of term
Wang Yan	Independent director	Leave office after the end of term	May 14, 2021	Leave office after the end of term
Ding Jie	GM	Termination of employment	Jan 1,2021	Termination of employment due to job changes
Ma Yun	Chief Financial Officer	Leaving office	May 6, 2021	Resign from the Company due to job changes
Yin Xide	Director	be elected	May 14, 2021	By-election of supervisors at general meeting of shareholders
Zhai Yunling	Independent director	be elected	May 14, 2021	By-election of supervisors at general meeting of shareholders
Liu Yuanyuan	Independent director	be elected	May 14, 2021	By-election of supervisors at general meeting of shareholders
Yao Hong	Independent director	be elected	May 14, 2021	By-election of supervisors at general meeting of shareholders
Yin Xide	GM	Appointed	Jan 1,2021	Appointed by the Board of Directors
Wang Jinxiu	Chief Financial Officer	Appointed	May 14, 2021	Appointed by the Board of Directors

### III. Profit distribution and dividend payment

Applicable  Not applicable

### IV. The implementation and effect of equity incentive

Applicable  Not applicable

## Section 5 Environmental and social responsibility

### I. Major environmental issues

The listed company and its subsidiaries whether belong to heavy pollution industry formulated by the state environmental protection department

Yes  No

Administrative penalties imposed for environmental problems during the reporting period

Yes  No

Enterprise or subsidiary	Main pollutant and features	Way of discharge	Number of discharge outlet	Distribution of the discharge outlet	Emission concentration	Pollutant discharge standard implemented	Total discharge	Total approved emissions	Excessive emission
Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd.	COD	sequence	1	Unified discharged	154 mg/L	DB21 1627-2008	4.384tons	None	Not over standard
Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd.	Ammonia nitrogen	sequence	1	Unified discharged	9.36 mg/L	DB21 1627-2008	0.089 tons	None	Not over standard
Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd.	Dust	sequence	1	Unified discharged	10.6mg/m <sup>3</sup>	GB9078-1996	0.840 tons	None	Not over standard

The Company received the new version of the "Sewage Discharge Permit" issued by the Dalian Ecological Environment Bureau in July 2020. The Company discharges within the limit according to the required emission concentration of the new version of "Sewage Discharge Permit".

### II. Social responsibilities

During the reporting period, on the basis of the previous targeted poverty alleviation, the company continued to consolidate the poverty alleviation achievements according to the designated poverty alleviation arrangements of Dalian City:

1. In Songlin Village, Zhuanghe City, we continue to pay attention to students from poor families, carry out regular donation activities for students, and consolidate poverty alleviation through education;
2. Follow up the use of poverty alleviation facilities and provide assistance according to the actual needs of poverty alleviation areas;
3. Formulate a poverty alleviation plan for the second half of the year, carry out poverty alleviation through consumption appropriately, and connect poverty alleviation projects in eastern and western Regions.

## Section 6 Important items

**I. Commitments made by the actual controller, shareholders, related parties, purchasers, the company and other relevant parties that have completed their performance during the reporting period and have not completed their performance as of the end of the reporting period**

Applicable  Not applicable

**II. Non-operation capital occupation by holding shareholders and their related parties in the listed company**

Applicable  Not applicable

**III. Foreign guarantee in violation of regulations**

Applicable  Not applicable

**IV. Engagement and dismissal of the accounting firm**

Applicable  Not applicable

**V. Explain to the “non standard audit report” of this reporting period from the board of directors, board of supervisors of the Company**

Applicable  Not applicable

**VI. Explain to the “non standard audit report” last year from the board of directors of the Company**

Applicable  Not applicable

**VII. Bankruptcy restructuring related matters**

Applicable  Not applicable

**VIII. Major lawsuit issues**

Applicable  Not applicable

The Company had no major lawsuit issues in the reporting period.

**IX. Punishment and rectification**

Applicable  Not applicable

**X. The credibility of Companies and its controlling shareholder, actual controller**

Applicable  Not applicable

The controlling shareholder of the Company and the Company don't exist situation such as unfulfilled the court's effective judgments or failed to pay duly a large amount of debt during the reporting period.

**XI. Important associated transactions**

**1. Important associated transactions**

In the reporting period, the total amount of normal associated transactions between the Company and associated parties was 278,220 thousand yuan, accounting for 40.32% of the budgeted amount for the year 2021. This included 91,350 thousand yuan, accounting for 34.73% of the budgeted amount for the year 2021, for purchasing supporting products for package projects from associated parties, and 186,870 thousand yuan, accounting for 43.76% of the budgeted amount for the year 2021, from selling supporting parts and components to associated parties.

**2. Associated transactions related to purchases or sales of assets**

Applicable  Not applicable

**3. Important associated transactions with joint external investments**

Applicable  Not applicable

**4. Current associated rights of credit and liabilities**

Applicable  Not applicable

**5. Current associated rights of credit and liabilities with related financial companies or financial companies that the company holds**

Applicable  Not applicable

**6. Other associated transactions**

Applicable  Not applicable

The Company acquired 20% equity of Hua Hui Da, which was held by Dalian Zhong Hui Da Refrigeration Technology Co., Ltd. with price of RMB 45.40 million yuan.

**XII. Major contract and its performance**

**1. Hosting, contracting and leasing status**

(1) the hosting status

Applicable  Not applicable

(2) the contracting status

Applicable  Not applicable

(3) the leasing status

Applicable  Not applicable

The Company signed rental contract with MHI Bingshan Refrigeration (Dalian) Co., Ltd., and rent # 6 workshop building located on No. 106 Liaohe East Rd, Dalian Economic and Technology Development Zone to MHI Bingshan Refrigeration (Dalian) Co., Ltd. The rental area is 15,259.04 square meters, and the rental term till 16th July, 2029. The annual rent fee for 2021 is RMB 4 million Yuan.

The Company signed rental contract with Dalian Bingshan Wisdom Park Co., Ltd., and rent out the whole land and house of the Company's old plant locating at No. 888, Southwest Road, Shahekou District, Dalian to Dalian Bingshan Wisdom Park Co., Ltd., with rental land area of 167,165.61 square meters and housing area of 105,652.43 square meters. The lease term is from April 1, 2017 to December 31, 2036. The annual rent fee for 2021 is RMB 8.646 million Yuan.

On March 17, 2021, the company signed a lease contract with Linde Hydrogenation Station Equipment (Dalian) Co., LTD., which will lease the 8,700 square meters of plant and office located at No. 106, East Liaohe Road, Dalian Development Zone to Linde Hydrogenation Station Equipment (Dalian) Co., LTD. The lease term will be up to December 31, 2030, and the current rent is RMB 2,137,500.

On June 1st, 2017, the company's subsidiary, Bingshan Lingshe, signed the leasing contract with Dalian Jingxue Energy Saving Technology Co. Ltd and rented out #7 building of workshop located on No.92, Tieshan West Rd, DDZ, Dalian. The rental area is 3653.76 square metres, and annual rent is RMB 1.08 million Yuan in 2021 with the contracted date between June 1st,2017 and May 31st,2022. Bingshan Lingshe also rented out Room 201, #4 building located on No.92, Tieshan West Rd, DDZ, Dalian to Dalian Jingxue Energy Saving Technology Co. Ltd. The rental area is 25square metres, and annual lease premium is RMB 15 thousand yuan with the contracted date between June 1st, 2017 and May 31st, 2022.

2. Guaranteeing status

Applicable  Not applicable

Resolution of 2nd meeting of 7th session of the Board of directors agreed to provide guarantee to Dalian Bingshan Group Co., Ltd. for obtaining Development Fund of National Development Bank. Total amount of the loan was RMB160 million with interest rate 1.2%, and the loan period was 10 years. The fund can only be used for cold chain green intelligent equipment and the development of service industry. When Dalian Bingshan Group Co., Ltd. receives the fund, it has transferred all the fund to the Company with the same conditions. The above guarantee to Dalian Bingshan Group Co., Ltd. is to the Company itself actually.

During the last reporting period ,Wuxin Refrigeration, the subsidiary company of the Company, was responsible for providing joint and several liabilities to its customers, Anhui Songze, for borrowing money from the bank. The guarantee amount was 10 million yuan and the guarantee period was 3 years. Meanwhile, Anhui Songze provided counter-guarantee to Wuxin Refrigeration with the equipment and ownership of the project.

3. Entrusted Financial Management

Applicable  Not applicable

4. Major contract of daily operation

Applicable  Not applicable

5. Other important contracts

Applicable  Not applicable

### **XIII. Description of other important matters**

Applicable  Not applicable

### **XV. Major matters of the company's subsidiaries**

Applicable  Not applicable

## Section 7 Change in Share Capital and Shareholders' Information

### I. Change in share capital

#### 1. Change in share capital

items	Shares (before change)		Changes	Shares (after change)	
	number	proportion		number	proportion
I. Non-circulating share capital with restricted trade conditions	3,058,879	0.36%	+132,560	3,191,439	0.38%
Other domestic shares	3,058,879	0.36%	+132,560	3,191,439	0.38%
II. Circulating share capital	840,153,628	99.64%	-132,560	840,021,068	99.62%
1. Domestically listed ordinary shares	598,653,628	71.00%	-132,560	598,521,068	70.98%
2. Domestically listed foreign shares	241,500,000	28.64%	0	241,500,000	28.64%
III. Total shares	843,212,507	100%	0	843,212,507	100%

The reason for the Change in share capital

During the reporting period, the Company appointed GM Yin Xide and Chief Financial Officer Wang Jinxiu, whose 75% of the Company's shares were locked; Company director, DGM Fan Yuekun resigned, Chief Financial Officer Ma Yun resigned, their shares in the Company all locked. The above reasons cause changes in the composition of shares.

Approval of changes in shares

Applicable  Not applicable

The influence of change in share capital on the recent year and recent issue for basic earnings per share, diluted earnings per share and net assets per share.

Applicable  Not applicable

2. The restricted shares changes

Applicable  Not applicable

The beginning number of the restricted shares is 3,058,879, and the final number of the restricted shares is 3,191,439, with an increase of 132,560.

### II. Securities issuance and listing

1. Securities issuance in the report period

Applicable  Not applicable

### III. Shareholders and actual controller

#### 1. Number of shareholders and their shareholding

Total number of shareholders in the reporting period			42,446		
Shareholding of top ten shareholders					
Name	Nature	Proportion	Total number	Number of shares with sale restriction	Number of pledged shares or shares frozen
Dalian Bingshan Group Co., Ltd.	Domestic non-state-owned legal person	20.27%	170,916,934		
Sanyo Electric Co., Ltd.	Overseas legal person	8.72%	73,503,150		
Lin Zhenming	Foreign natural person	0.80%	6,740,000		
Wu An	Domestic natural person	0.53%	4,500,000		
Zhang Sufen	Domestic natural person	0.52%	4,390,000		
Zhang Hui	Domestic natural person	0.52%	4,388,975		
Xue Hong	Domestic natural person	0.42%	3,570,000		
Dalian industrial development investment Co., Ltd.	Domestic non-state-owned legal person	0.40%	3,406,725		
Li Xiaohua	Domestic natural person	0.38%	3,182,608		
Zhang Jun	Domestic natural person	0.36%	3,059,600		
Shareholding of top ten shareholders without sale restriction					

Name	Number of shares without sale restriction	Type of shares
Dalian Bingshan Group Co., Ltd.	170,916,934	RMB denominated ordinary shares
Sanyo Electric Co., Ltd.	73,503,150	Domestically listed foreign shares
Lin Zhenming	6,740,000	Domestically listed foreign shares
Wu An	4,500,000	Domestically listed foreign shares
Zhang Sufen	4,390,000	RMB denominated ordinary shares
Zhang Hui	4,388,975	RMB denominated ordinary shares
Xue Hong	3,570,000	Domestically listed foreign shares
Dalian industrial development investment Co., Ltd.	3,406,725	RMB denominated ordinary shares
Li Xiaohua	3,182,608	RMB denominated ordinary shares
Zhang Jun	3,059,600	RMB denominated ordinary shares
Notes to the associated relationship and uniform actions of the above shareholders	Dalian Bingshan Group Co., Ltd. had the association relationship with Sanyo Electric Co., Ltd. among the above shareholders. Sanyo Electric Co., Ltd. holds 26.6% of Dalian Bingshan Group Co., Ltd.'s equity.	

At the end of the report period, the total number of shareholders of the Company was 42,446, including 34,607 A-share shareholders and 7,839 B-share shareholders.

If the Company shareholders had any agreed repurchase transaction in the report period

Yes  No

**IV. Changes in shareholding of directors, supervisors and senior managers**

Applicable  Not applicable

**V. Variation in controlling shareholders or actual controllers**

Variation in controlling shareholders in the report period

Applicable  Not applicable

There were no changes in the controlling shareholder in the reporting period.

Variation in actual controllers in the report period

Applicable  Not applicable

## **Section 8 Information on Preferred Stock**

Applicable  Not applicable

In the reporting period, the Company didn't own preferred stock.

## **Section 9 Bond Related Information**

The Company's non-public issuance of exchangeable corporate bonds was listed at the Shanghai Stock Exchange on August 6, 2018. As of August 1, 2018, according to the using plan disclosed in the prospectus, the raised funds of the Company's non-public issuance of exchangeable corporate bonds have been used to repay bank loans. The special account for the Company's 2018 exchangeable corporate bonds fund raising was cancelled in March 2019. During the reporting period, the Company's exchangeable corporate were not exchanged for shares. Till the end of reporting period, the Company's exchangeable corporate were exchanged for 8,388.9 thousand shares totally.

The Company's non-public issuance of exchangeable corporate bonds has been fully repaid and officially delisted on July 30, 2021.

## Section 10 Financial Report

**I. The Company's semiannual financial report has not been audited.**

### II. Accounting statement

### BALANCE SHEET

Prepared by Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd. June 30, 2021 Unit: RMB Yuan

Items	30-June-2021		31-Dec-2020	
	Consolidation	Parent Company	Consolidation	Parent Company
Current assets:				
Monetary funds	312,814,043.49	189,640,632.51	373,445,731.67	208,325,740.71
Financial assets which are measured by fair value and which changes are recorded in current profit and loss				
Derivative financial assets				
Transaction financial assets				
Notes receivable	164,790,467.37	56,215,372.62	139,121,037.78	42,858,563.72
Accounts receivable	879,930,798.08	397,083,855.20	817,011,955.75	408,625,925.91
Receivables financing	67,877,483.26	9,778,000.00	61,737,282.56	5,752,810.30
Accounts paid in advance	252,035,577.19	86,256,149.64	154,481,509.35	62,620,914.33
Other receivables	38,404,665.67	15,025,382.07	67,527,176.86	41,183,397.14
Interest receivables	681,304.44	681,304.44	46,879.68	46,879.68
Dividend receivable	8,456,762.03	8,430,838.28	25,923.75	0.00
Inventories	857,546,805.51	301,061,601.22	731,658,797.98	255,635,206.96
Contract assets	93,128,010.70	35,427,393.71	91,430,011.60	38,366,253.50
Assets held for sale				
Non-current asset due within one year	38,952,641.30	16,412,400.84	42,003,576.60	19,488,435.75
Other current assets	16,217,621.86	297,622.89	23,214,091.44	27,637.13
Total current assets	2,721,698,114.43	1,107,198,410.70	2,501,631,171.59	1,082,884,885.45
Non-current assets:				
Finance asset held available for sales				
Held-to-maturity investment				
Long-term account receivable	65,846,409.09	45,968,318.60	65,867,973.25	45,964,783.15
Long-term equity investment	1,606,295,377.43	2,290,503,422.05	1,597,241,363.62	2,280,377,981.04
Other Non-current financial assets	234,169,195.71	232,854,053.21	239,304,098.83	237,888,956.33
Investment property	123,235,378.12	98,281,633.64	126,288,477.92	100,762,366.02
Fixed assets	842,597,806.71	696,077,930.09	891,147,058.82	721,701,015.39
Construction in progress	39,010,357.07	12,870,695.77	34,254,599.42	9,160,965.22
Right of use assets	22,430,952.90			
Engineering material				
Disposal of fixed asset				
Productive biological asset				
Oil and gas asset				
Intangible assets	143,862,195.55	75,232,020.06	145,442,721.24	76,619,078.55
Expense on Research and Development				

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Goodwill	1,750,799.49	-	1,750,799.49	-
Long-term expenses to be apportioned	8,874,332.48	7,512,831.60	9,660,538.07	8,259,220.68
Deferred income tax asset	68,124,898.77	14,228,195.97	68,979,526.11	13,940,130.98
Other non-current asset				
Total non-current asset	3,156,197,703.32	3,473,529,100.99	3,179,937,156.77	3,494,674,497.36
Total assets	5,877,895,817.75	4,580,727,511.69	5,681,568,328.36	4,577,559,382.81
Current liabilities:				
Short-term loans	239,530,000.00	227,000,000.00	282,971,600.00	276,011,600.00
Financial liabilities which are measured by fair value and which changes are recorded in current profit and loss				
Derivative financial liabilities				
Transaction financial liabilities				
Notes payable	313,465,695.40	199,707,563.63	295,151,372.38	202,747,834.50
Accounts payable	962,290,305.38	346,513,395.55	767,267,232.43	254,630,956.73
Accounts received in advance				
Contract liabilities	369,202,216.43	70,862,201.49	295,100,657.10	67,468,174.27
Wage payable	10,432,902.16	115,864.45	31,125,808.94	11,187,502.65
Taxes payable	8,404,850.51	4,501,921.31	9,714,194.25	4,244,948.37
Other accounts payable	48,896,456.62	18,671,065.14	43,017,466.38	17,179,194.67
Interest payable	1,481,750.50	1,481,750.50	1,839,166.81	1,839,166.81
Dividend payable	8,965,281.07	8,965,281.07	533,156.00	533,156.00
Liabilities held for sale				
Non-current liabilities due within one year	42,509,456.33	25,000,034.00	37,157,126.41	25,000,034.00
Other current liabilities	171,761,627.86	58,319,969.61	152,173,946.30	50,815,558.18
Total current liabilities	2,166,493,510.69	950,692,015.18	1,913,679,404.19	909,285,803.37
Non-current liabilities:				
Long-term loans	150,000,000.00	150,000,000.00	160,000,000.00	160,000,000.00
Bonds payable				
Preferred stock				
Perpetual bond				
Lease liabilities	10,971,589.76			
Long-term account payable	8,682,041.09	-	14,622,463.75	-
Long-term wage payable				
Special Payable				
Anticipation liabilities	420,512.50		7,592,239.01	
Deferred income	102,329,269.37	62,564,767.37	104,457,568.86	64,121,068.86
Deferred income tax liabilities	31,255,129.37	31,255,129.37	32,010,364.83	32,010,364.83
Other non-current liabilities				
Total non-current liabilities	303,658,542.09	243,819,896.74	318,682,636.45	256,131,433.69
Total liabilities	2,470,152,052.78	1,194,511,911.92	2,232,362,040.64	1,165,417,237.06
Shareholders' equity				
Share capital	843,212,507.00	843,212,507.00	843,212,507.00	843,212,507.00
Other equity instruments				
Preferred stock				
Perpetual bond				
Capital public reserve	710,644,497.71	755,146,592.54	726,768,468.00	771,270,562.83

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Less: Treasury stock				
Other comprehensive income	2,501,459.77	1,539,359.10	2,501,459.77	1,539,359.10
Special preparation				
Surplus public reserve	818,311,159.24	818,311,159.24	805,525,775.33	805,525,775.33
Generic risk reserve				
Retained profit	961,799,858.98	968,005,981.89	997,601,577.97	990,593,941.49
Total owner's equity attributable to parent company	3,336,469,482.70	3,386,215,599.77	3,375,609,788.07	3,412,142,145.75
Minority interests	71,274,282.27	-	73,596,499.65	-
Total owner's equity	3,407,743,764.97	3,386,215,599.77	3,449,206,287.72	3,412,142,145.75
Total liabilities and shareholder's equity	5,877,895,817.75	4,580,727,511.69	5,681,568,328.36	4,577,559,382.81

Legal Representative: Ji Zhijian    Chief Financial Official: Wang Jinxiu    Person in Charge of Accounting Organization: Li Sheng

## INCOME STATEMENT

Prepared by Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd.      January-June, 2021      Unit: RMB Yuan

Items	January-June, 2021		January-June, 2020	
	Consolidation	Parent Company	Consolidation	Parent Company
I. Total sales	1,094,285,620.97	406,481,436.30	873,403,414.46	421,537,668.16
II. Total operating cost	1,125,502,134.17	430,343,974.93	897,088,858.88	426,353,131.09
Including: Operating cost	950,404,769.26	350,403,193.45	748,075,096.12	359,831,813.22
Taxes and associate charges	9,681,522.15	6,384,124.77	8,020,491.83	4,653,637.89
Selling and distribution expenses	56,710,524.65	21,863,336.01	35,446,794.72	11,354,625.22
Administrative expenses	71,726,497.78	33,484,241.78	70,770,126.86	28,433,528.41
R&D expenses	30,738,151.60	13,801,193.69	24,715,021.28	14,305,119.21
Financial expense	6,240,668.73	4,407,885.23	10,061,328.07	7,774,407.14
Including: interest expense	8,685,937.28	6,705,229.51	9,635,047.81	7,801,791.24
interest income	3,144,366.44	3,042,414.46	719,172.42	538,148.04
Add: Other income	914,454.99	-	6,507,868.29	442,124.83
Gain/(loss) from investment	28,211,757.61	29,386,783.07	22,943,077.11	31,608,757.06
Including: income from investment on affiliated enterprise and jointly enterprise	21,085,751.39	22,157,178.59	16,816,173.99	17,295,970.66
Gain/(loss) from change in fair value (loss as “-“)	-5,034,903.12	-5,034,903.12	-19,323,309.84	-19,323,309.84
Credit impairment loss (loss as “-“)	-7,635,425.72	-2,126,150.18	-14,041,906.01	-3,350,941.44
Assets impairment loss (loss as “-“)	-1,016,603.72	-403,392.99		
Gain/(loss) from asset disposal (loss as “-“)	8,393.93	-399.28	10,788.53	
III. Operating profit	-15,768,839.23	-2,040,601.13	-27,588,926.34	4,561,167.68
Add: non-business income	1,939,098.38	48.54	1,280,059.12	
Less: non-business expense	561,689.05	373,198.48	93,891.78	44,972.15
IV. Total profit	-14,391,429.90	-2,413,751.07	-26,402,759.00	4,516,195.53
Less: Income tax	2,514,997.49	-1,043,300.45	-1,492,259.17	-2,268,110.77
V. Net profit	-16,906,427.39	-1,370,450.62	-24,910,499.83	6,784,306.30
(I) Net profit from continuous operation	-16,906,427.39	-1,370,450.62	-24,910,499.83	6,784,306.30
(II) Net profit from discontinuing operation				
Net profit attributable to parent company	-14,584,210.01	-1,370,450.62	-23,604,345.52	6,784,306.30
Minority shareholders' gains and losses	-2,322,217.38	-	-1,306,154.31	
VI. After-tax net amount of other comprehensive incomes				
After-tax net amount of other comprehensive incomes attributable to owners of the Company				
(I) Other comprehensive incomes that will not be reclassified into gains and losses				
1. Changes in net liabilities or assets with a defined benefit plan upon re-measurement				
2. Enjoyable shares in other comprehensive incomes in invests that cannot be reclassified into gains and losses under the equity method				
(II) Other comprehensive incomes that will be reclassified into gains and losses				
1. Enjoyable shares in other comprehensive incomes in invests that will be reclassified into gains and losses under the equity method				
2. Gains and losses on fair value changes of available-for-sale financial assets				
3. Gains and losses on reclassifying held-to-maturity investments into available-for-sale financial assets				

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4. Effective hedging gains and losses on cash flows				
5. Foreign-currency financial statement translation difference				
6、Others				
.....				
After-tax net amount of other comprehensive incomes attributable to minority shareholders				
VII Total comprehensive income	-16,906,427.39	-1,370,450.62	-24,910,499.83	6,784,306.30
Total comprehensive income attributable to parent company	-14,584,210.01	-1,370,450.62	-23,604,345.52	6,784,306.30
Total comprehensive income attributable to minority shareholders	-2,322,217.38	-	-1,306,154.31	
VIII. Earnings per share				
(I) basic earnings per share	-0.017	-	-0.028	
(II) diluted earnings per share	-0.017	-	-0.028	

Legal Representative: Ji Zhijian    Chief Financial Official: Wang Jinxiu    Person in Charge of Accounting Organization: Li Sheng

**CASH FLOW STATEMENT**

Prepared by Bingshan Refrigeration &amp; Heat Transfer Technologies Co., Ltd. January -June, 2021 Unit: RMB Yuan

Items	January -June, 2021		January -June, 2020	
	Consolidation	Parent Company	Consolidation	Parent Company
I. Cash flows arising from operating activities:				
Cash received from selling commodities and providing labor services	829,930,587.89	363,144,362.91	604,104,617.20	348,200,949.78
Write-back of tax received	13,785,959.06	-	13,929,886.75	8,601,797.19
Other cash received concerning operating activities	43,810,533.99	10,124,431.16	32,877,448.75	14,383,755.85
Subtotal of cash inflow arising from operating activities	887,527,080.94	373,268,794.07	650,911,952.70	371,186,502.82
Cash paid for purchasing commodities and receiving labor service	611,357,308.87	250,713,151.99	476,548,876.58	289,314,215.08
Cash paid to/for staff and workers	180,167,491.49	57,127,778.83	158,669,594.81	51,668,871.50
Taxes paid	39,272,409.35	21,117,335.18	31,669,562.21	14,614,702.80
Other cash paid concerning operating activities	85,617,707.51	24,604,890.78	62,374,607.85	17,567,587.34
Subtotal of cash outflow arising from operating activities	916,414,917.22	353,563,156.78	729,262,641.45	373,165,376.72
Net cash flows arising from operating activities	-28,887,836.28	19,705,637.29	-78,350,688.75	-1,978,873.90
II. Cash flows arising from investing activities:				
Cash received from recovering investment	3,262.34			
Cash received from investment income	40,106,533.49	40,106,533.49	14,561,842.05	14,528,392.05
Net cash received from disposal of fixed, intangible and other long-term assets	79,228.00	5,000.00	414,448.00	
Net cash received from disposal of subsidiaries and other units	36,263,700.00	36,263,700.00		
Other cash received concerning investing activities				
Subtotal of cash inflow from investing activities	76,452,723.83	76,375,233.49	14,976,290.05	14,528,392.05
Cash paid for purchasing fixed, intangible and other long-term assets	4,948,265.12	3,291,284.99	5,676,192.55	3,370,306.88
Cash paid for investment	45,400,000.00	45,400,000.00		100,000,000.00
Net cash paid for achievement of subsidiaries and other business units				
Other cash paid concerning investing activities				
Subtotal of cash outflow from investing activities	50,348,265.12	48,691,284.99	5,676,192.55	103,370,306.88
Net cash flows arising from investing activities	26,104,458.71	27,683,948.50	9,300,097.50	-88,841,914.83
III. Cash flows arising from financing activities				
Cash received from absorbing investment				
Including: Cash received from absorbing minority shareholders' equity investment by subsidiaries				
Cash received from loans	235,180,000.00	207,000,000.00	276,601,600.00	266,011,600.00
Cash received from issuing bonds				
Other cash received concerning financing activities	60,343,934.67	23,123,472.43	36,847,200.56	
Subtotal of cash inflow from financing activities	295,523,934.67	230,123,472.43	313,448,800.56	266,011,600.00
Cash paid for settling debts	284,622,721.99	266,011,600.00	254,287,177.09	208,000,000.00
Cash paid for dividend and profit distributing or interest paying	8,511,930.03	7,062,645.82	10,670,866.72	9,007,757.61
Including: dividends or profit paid by subsidiaries to minority shareholders				
Other cash paid concerning financing activities	60,312,645.22	22,103,989.52	12,119,804.65	
Subtotal of cash outflow from financing activities	353,447,297.24	295,178,235.34	277,077,848.46	217,007,757.61
Net cash flows arising from financing activities	-57,923,362.57	-65,054,762.91	36,370,952.10	49,003,842.39
IV. Influence on cash due to fluctuation in exchange rate	116,967.67	-448.17	42,272.21	329.36

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V. Net increase of cash and cash equivalents	-60,589,772.47	-17,665,625.29	-32,637,366.94	-41,816,616.98
Add: Balance of cash and cash equivalents at the period-begin	314,978,460.49	185,202,268.28	301,527,354.56	175,586,251.46
VI. Balance of cash and cash equivalents at the period-end	254,388,688.02	167,536,642.99	268,889,987.62	133,769,634.48

Legal Representative: Ji Zhijian    Chief Financial Official: Wang Jinxiu    Person in Charge of Accounting Organization: Li Sheng

**CONSOLIDATED STATEMENT OF CHANGES IN OWNERS' EQUITY**

Prepared by Bingshan Refrigeration &amp; Heat Transfer Technologies Co., Ltd 2021.01-06 Unit: RMB Yuan

Items	2021.01-06								
	Owners' equity attributable to parent company							Minority equity	Total of owners' equity
	share capital	Capital surplus	Lessen: treasury stock	Other comprehensive income	Special preparation	Surplus reserve	Retained profits		
I. balance at the end of last year	843,212,507.00	726,768,468.00		2,501,459.77		805,525,775.33	997,601,577.97	73,596,499.65	3,449,206,287.72
1. Change of accounting policy									
2. Correction of errors in previous period									
II. Balance at the beginning of this year	843,212,507.00	726,768,468.00		2,501,459.77		805,525,775.33	997,601,577.97	73,596,499.65	3,449,206,287.72
III. Increase/ decrease of amount in this year ("-" means decrease)		-16,123,970.29				12,785,383.91	-35,801,718.99	-2,322,217.38	-41,462,522.75
(I) Total comprehensive incomes							-14,584,210.01	-2,322,217.38	-16,906,427.39
(II) Capital increased and reduced by owners									
1. Common shares increased by shareholders									
2. Capital increased by holders of other equity instruments									
3. Amounts of share-based payments recognized in owners' equity									
4. Other									
(III) Profit distribution						12,785,383.91	-21,217,508.98	-	-8,432,125.07
1. Withdrawing surplus public reserve						12,785,383.91	-12,785,383.91		-
2. Distribution to all owners (shareholders)							-8,432,125.07		-8,432,125.07
3. Others									
(IV) Internal carrying forward of owners' equity									
1. New increase of share capital from capital reserves									
2. Convert surplus reserves to share capital									
3. Surplus reserves make up losses									
4. Others									
(V) Specific reserve									
1. Withdrawn for the period					1,201,021.67				1,201,021.67
2. Used in the period					-1,201,021.67				-1,201,021.67
(VI) Other		-16,123,970.29							-16,123,970.29
IV. Balance at the end of this period	843,212,507.00	710,644,497.71		2,501,459.77		818,311,159.24	961,799,858.98	71,274,282.27	3,407,743,764.97

Legal Representative: Ji Zhijian Chief Financial Official: Wang Jinxiu Person in Charge of Accounting Organization: Li Sheng

Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd. 2021 Semiannual Report

Items	2020.01-06								
	Owners' equity attributable to parent company							Minority equity	Total of owners' equity
	share capital	Capital surplus	Lessen: treasury stock	Other comprehensive income	Special preparation	Surplus reserve	Retained profits		
I. balance at the end of last year	843,212,507.00	726,768,468.00		2,501,459.77		768,723,812.53	1,038,358,782.59	74,562,823.71	3,454,127,853.60
1. Change of accounting policy									
2. Correction of errors in previous period									
II. Balance at the beginning of this year	843,212,507.00	726,768,468.00		2,501,459.77		768,723,812.53	1,038,358,782.59	74,562,823.71	3,454,127,853.60
III. Increase/ decrease of amount in this year ("-" means decrease)						30,409,270.84	-79,309,991.57	-3,781,154.31	-52,681,875.04
(I) Total comprehensive incomes							-23,604,345.52	-1,306,154.31	-24,910,499.83
(II) Capital increased and reduced by owners									
1. Common shares increased by shareholders									
2. Capital increased by holders of other equity instruments									
3. Amounts of share-based payments recognized in owners' equity									
4. Other									
(III) Profit distribution						30,409,270.84	-55,705,646.05	-2,475,000.00	-27,771,375.21
1. Withdrawing surplus public reserve						30,409,270.84	-30,409,270.84		-
2. Distribution to all owners (shareholders)							-25,296,375.21	-2,475,000.00	-27,771,375.21
3. Others									
(IV) Internal carrying forward of owners' equity									
1. New increase of share capital from capital reserves									
2. Convert surplus reserves to share capital									
3. Surplus reserves make up losses									
4. Others									
(V) Specific reserve									
1. Withdrawn for the period					1,127,227.68				1,127,227.68
2. Used in the period					-1,127,227.68				-1,127,227.68
(VI) Other									
IV. Balance at the end of this period	843,212,507.00	726,768,468.00		2,501,459.77		799,133,083.37	959,048,791.02	70,781,669.40	3,401,445,978.56

Legal Representative: Ji Zhijian    Chief Financial Official: Wang Jinxiu    Person in Charge of Accounting Organization: Li Sheng

## STATEMENT OF CHANGES IN OWNERS' EQUITY

Prepared by Dalian Refrigeration Company Limited

2021.01-06

Unit: RMB Yuan

Items	2021.01-06								
	Owners' equity attributable to parent company								Total of owners' equity
	share capital	Other equity instrument	Capital surplus	Lessen: treasury stock	Other comprehensive income	Special preparation	Surplus reserve	Retained profits	
I. balance at the end of last year	843,212,507.00		771,270,562.83		1,539,359.10		805,525,775.33	990,593,941.49	3,412,142,145.75
1. Change of accounting policy									
2. Correction of errors in previous period									
II. Balance at the beginning of this year	843,212,507.00		771,270,562.83		1,539,359.10		805,525,775.33	990,593,941.49	3,412,142,145.75
III. Increase/ decrease of amount in this year ("-" means decrease)			-16,123,970.29				12,785,383.91	-22,587,959.60	-25,926,545.98
(I) Total comprehensive incomes								-1,370,450.62	-1,370,450.62
(II) Capital increased and reduced by owners									
1. Common shares increased by shareholders									
2. Capital increased by holders of other equity instruments									
3. Amounts of share-based payments recognized in owners' equity									
4. Other									
(III) Profit distribution							12,785,383.91	-21,217,508.98	-8,432,125.07
1. Withdrawing surplus public reserve							12,785,383.91	-12,785,383.91	-
2. Distribution to all owners (shareholders)								-8,432,125.07	-8,432,125.07
3. Others									
(IV) Internal carrying forward of owners' equity									
1. New increase of share capital from capital reserves									
2. Convert surplus reserves to share capital									
3. Surplus reserves make up losses									
4. Others									
(V) Specific reserve									
1. Withdrawn for the period						1,201,021.67			1,201,021.67
2. Used in the period						-1,201,021.67			-1,201,021.67
(VI) Other			-16,123,970.29						-16,123,970.29
IV. Balance at the end of this period	843,212,507.00		755,146,592.54		1,539,359.10		818,311,159.24	968,005,981.89	3,386,215,599.77

Legal Representative: Ji Zhijian

Chief Financial Official: Wang Jinxiu

Person in Charge of Accounting Organization: Li Sheng

Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd. 2021 Semiannual Report

Items	2020.01-06								
	Owners' equity attributable to parent company								Total of owners' equity
	share capital	Other equity instrument	Capital surplus	Lessen: treasury stock	Other comprehensive income	Special preparation	Surplus reserve	Retained profits	
I. balance at the end of last year	843,212,507.00		771,270,562.83		1,539,359.10		768,723,812.53	988,765,359.93	3,373,511,601.39
1. Change of accounting policy									
2. Correction of errors in previous period									
II. Balance at the beginning of this year	843,212,507.00		771,270,562.83		1,539,359.10		768,723,812.53	988,765,359.93	3,373,511,601.39
III. Increase/ decrease of amount in this year ("-" means decrease)							30,409,270.84	-48,921,339.75	-18,512,068.91
(I) Total comprehensive incomes								6,784,306.30	6,784,306.30
(II) Capital increased and reduced by owners									
1. Common shares increased by shareholders									
2. Capital increased by holders of other equity instruments									
3. Amounts of share-based payments recognized in owners' equity									
4. Other									
(III) Profit distribution							30,409,270.84	-55,705,646.05	-25,296,375.21
1. Withdrawing surplus public reserve							30,409,270.84	-30,409,270.84	-
2. Distribution to all owners (shareholders)								-25,296,375.21	-25,296,375.21
3. Others									
(IV) Internal carrying forward of owners' equity									
1. New increase of share capital from capital reserves									
2. Convert surplus reserves to share capital									
3. Surplus reserves make up losses									
4. Others									
(V) Specific reserve									
1. Withdrawn for the period							1,127,227.68		1,127,227.68
2. Used in the period							-1,127,227.68		-1,127,227.68
(VI) Other									
IV. Balance at the end of this period	843,212,507.00		771,270,562.83		1,539,359.10		799,133,083.37	939,844,020.18	3,354,999,532.48

Legal Representative: Ji Zhijian    Chief Financial Officer: Wang Jinxiu    Person in Charge of Accounting Organization: Li Sheng

### III. General Information

Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd (the “Company”) was reorganized and reformed from main part of former Dalian Refrigeration Factory. On December 8, 1993, the Company went to the public as a listed Company at Shenzhen Stock Exchange Market. On March 20, 1998, the company successfully went to the public at B share market and listed at Shenzhen Stock Exchange Market with total share capital of RMB350,014,975Yuan.

According to the 13<sup>th</sup> meeting of the 6<sup>th</sup> generation of board, extraordinary general meeting for 2015 fiscal year and 'Restricted share incentive plan (draft)', the Company planned to introduce A ordinary shares to incentive objectives, which was 10,150,000 number of shares would be granted to 41 share incentive objectives at granted price of RMB5.56Yuan per share. Up to March 12<sup>th</sup>, 2015, the Company received new added share capital of RMB10,150,000Yuan and the share capital had been verified by DaHua Certified Public Accountants, and had been issued the capital verification report Dahuayanzi [2015]000086 on March12<sup>th</sup>, 2015.

The general meeting for 2015 fiscal year held on 21st April 2016 approved the profit distribution policy for the year of 2015, which agrees the profit distribution based on the total 360,164,975 number of shares as share capital, paid share dividend of 5 common shares for every 10 shares through capital reserve. The policy stated above was fully implemented on 5th May 2016, and the registered capital was altered to 540,247,462.00Yuan.

The 17<sup>th</sup> meeting of the 6<sup>th</sup> generation of board was held on 4<sup>th</sup> June 2015 and the 2<sup>nd</sup> interim shareholders' meeting was held on 24th June 2015, meeting deliberated and passed the proposal of non-public offering of 'A shares'. China's Securities Regulatory Commission issued SFC license [2015]3137 on 30<sup>th</sup> December, 2015, approving that new non-public offering cannot exceeded 38,821,954 number of shares. The company implemented the post meeting procedures for China's Securities Regulatory Commission, which is regarding adjustment of bottom price and the number of the shares issued after the implementation of profit distribution policy of 2015 in May, 2016, and accordingly revised the upper limit of non-public offering of share to 58,645,096 number of new 'A shares'. The company issued the non-public offering of 58,645,096 number of 'A shares' to 7 investors, and as a result, the total number of shares of the company is changed to 598,892,558 shares, and the par value is 1yuan per share and the total share capital is 598,892,558.00Yuan. The share capital stated above has been verified by DaHua Certified Public Accountants, and has been issued the capital verification report Dahuayanzi [2016]000457 on 31st May 2016.

According to the 'Restricted Share Incentive Plan(draft) of Dalian Refrigeration Company Limited for the year of 2016' and the 'Proposal regarding the shareholders' meeting authorized the board of directors to implement the Restricted Share Incentive Plan' approved on the 3<sup>rd</sup> provisional general meeting held on 13th September 2016, the 9<sup>th</sup> meeting of the 7<sup>th</sup> generation of board deliberated and passed the 'Proposal about granting the restricted shares to incentive targets' on September 20<sup>th</sup>, 2016 and set 20<sup>th</sup> September 2016 as share granted date, and granted 12,884,000 number of restricted shares to 188 incentive targets at granted price of 5.62Yuan per

share. By 22<sup>nd</sup> November, 2016, the company has actually received the newly subscribed registered share capital of 12,884,000 Yuan subscribed by incentive targets. The share capital stated above has been verified by DaHua Certified Public Accountants, and has been issued the capital verification report Dahuayanzi [2016]001138 on 23<sup>rd</sup> November, 2016.

On May 20<sup>th</sup>, 2017, the general meeting for 2016 fiscal year was held and profit appropriation scheme for 2016 FY was approved, which was every 10 shares will be increased by 4 shares through capital reserve based on the total 611,776,558 number of shares. After the profit appropriation scheme, the registered capital was changed to RMB856,478,181.00 Yuan.

On December 18, 2017, the Company held the third extraordinary shareholders' meeting of 2017 which reviewed and approved the Proposal on Repurchasing and Cancelling Part Restricted Stocks of the 2016 Restricted Stock Incentive Plan". On March 8, 2018, after the completion of repurchase and cancellation, the Company implemented the corresponding capital reduction procedures according to law, and the registered capital of the Company was changed from 856,487,181 Yuan to 855,908,981 Yuan.

On May 4, 2018, the Company held the 21<sup>st</sup> meeting of the seventh board of directors which reviewed and approved the Proposal on Repurchasing and Cancelling Party Restricted Stocks of the 2015 Restricted Stock Incentive Plan. On June 29, 2018, after the completion of repurchase and cancellation, the Company implemented the corresponding capital reduction procedures according to law, and the registered capital of the Company was changed from 855,908,981 Yuan to 855,434,087 Yuan.

On January 17, 2019, the Company held the first extraordinary shareholders' meeting of 2019 which reviewed and approved the Proposal on terminating the implementation of 2016 Restricted Stock Incentive Plan of the Company and logging the restricted stock. On March 4, 2019, the Company has completed the capital reduction process, and the registered capital of the Company was changed from 855,434,087 Yuan to 843,212,507 Yuan.

On December 20<sup>th</sup>, 2019, the Company held the 7th meeting of the 8th Board of Directors and approved to change the Company's name from Dalian Refrigeration Company Limited to Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd.

The old address of the Company's registered office as same as head office is No.888 Xinan Road, Shahekou District, Dalian, China. In 2017, the Company relocated to new factory and changed its address to No.16 Liaohe East RD, Dalian Economic&Technology Development Zone('DDZ'), Dalian China as same as HQ's address. The parent company of the Company is Dalian Bingshan Group Co., Ltd., and there is no ultimate controller regulated by the relevant law, regulations and rules.

The Company is in industrial manufacturing sector, mainly engaged in industrial refrigeration, refrigerated and frozen food storage, and manufacture and installation of central air-conditioning and refrigeration equipment. The scope of business includes research and development, design, manufacture, sale, lease, installation and repair of refrigeration and heat equipment, accessories,

spare parts, and energy-saving and environmental protection products; Technical services, technical consultation, technical promotion; Design, construction, installation repair and maintenance of complete sets of refrigeration and air conditioning projects, mechanical and electrical installation projects, steel structure projects, anti-corrosion and heat preservation works; Rental of premises; Transport of ordinary goods; Property management; Low temperature storage; Import and export of goods and technologies. (With the exception of projects subject to approval according to law, independently carry out business activities according to law with the business license).

This reporting period, entities within the consolidation scope has no change comparing to last year.

#### **IV. Financial Statements Preparation Basis**

##### **(1) Preparing basis**

The Company's financial statements are prepared on the basis of going concern assumption, according to the actual occurred transactions and events and in accordance with 'Accounting Standards for Business Enterprises' and relevant regulations, and also based on the note V "Significant Accounting Policies, Accounting Estimates".

##### **(2) Going concern**

The Company has the capacity to continually operate within 12 months at least since the end of report period, and hasn't the major issues impacting on the sustainable operation ability.

#### **V. Significant Accounting Policies and Accounting Estimates**

The Ministry of Finance on December 7, 2018, issued on revision issued by the accounting standards for enterprises no. 21 - leases the notification (finance and accounting) [2018] no. 35, in domestic and at the same time, listed companies and listed overseas and adopted international financial reporting standards or enterprises, enterprise accounting standards to prepare its financial statements shall be implemented as of January 1, 2019; Other enterprises implementing the accounting standards for Business Enterprises shall come into force on January 1, 2021. In accordance with the above requirements, the Company will implement the relevant guidelines from January 1, 2021.

##### **1. Declaration for compliance with accounting standards for business enterprises**

The financial statements are prepared by the Group according to the requirements of Accounting Standard for Business Enterprise, and reflect the relative information for the financial position, operating performance, cash flow of the Group truly and fully.

##### **2. Accounting period**

The Group adopts the Gregorian calendar year as accounting period from Jan 1 to Dec 31.

##### **3. Operating cycle**

Normal operating cycle refers to the duration starting from purchasing the assets for manufacturing up to cash or cash equivalent realization. The group sets twelve months for one operating cycle and as the liquidity criterion for assets and liability.

#### **4. Functional currency**

The Group adopts RMB as functional currency.

#### **5. Accounting for business combination under same control and not under same control**

As an acquirer, the assets and liabilities that The Group obtained in a business combination under the same control should be measured on the basis of their carrying amount in the consolidated financial statements on the combining date. As for the balance between the carrying amount of the net assets obtained by the combining party and the carrying amount of the consideration paid by it, the capital surplus shall be adjusted. If the capital surplus is not sufficient to be offset, the retained earnings shall be adjusted.

For a business combination not under same control, the asset, liability and contingent liability obtained from the acquirer shall be measured at the fair value on the acquisition date. The combination cost shall be the fair value, on the acquisition date, of the assets paid, the liabilities incurred or assumed and equity securities issued by the acquirer in exchange for the control of the acquire, and sum of all direct expenses(if the combination is achieved in stages, the combination cost shall be the sum of individual transaction). The difference when combination cost exceeds proportionate share of the fair value of identifiable net assets of acquire should be recognized as goodwill. If the combination cost is less than proportionate share of the fair value of identifiable net assets of acquiree, firstly, fair value of identifiable asset, liability or contingent liability shall be reviewed, and so the fair value of non-monetary assets or equity instruments issued in the combination consideration , after review, still the combination cost is less than proportionate share of the fair value of identifiable net assets of acquire, the difference should be recognized as non-operating income.

#### **6. Method of preparation of consolidated financial statements**

All subsidiaries controlled by the Group and structured entities are within the consolidation scope.

If subsidiaries adopt different accounting policy or have different accounting period from the parent company, appropriated adjustments shall be made in accordance with the Group policy in preparation of the consolidated financial statements.

All significant intergroup transactions, outstanding balances and unrealized profit shall be eliminated in full when preparing the consolidated financial statements. Portion of the subsidiary's equity not belonging to the parent, profit, loss for the current period, portion of other comprehensive income and total comprehensive belonging to minority interest, shall be presented separately in the consolidated financial statements under "minority interest of equity", "minority interest of profit and loss", "other comprehensive income attributed to minority interest" and "total comprehensive income attributed to minority interest" title.

If a subsidiary is acquired under common control, its operation results and cash flow shall be consolidated since the beginning of the consolidation period. When preparing the comparative consolidated financial statements, adjustments shall be made to relevant items of comparative figures as regarded that reporting entity established through consolidation has been always there since the point when the ultimate controlling party starts to have the control.

If a business consolidation under common control is finally achieved in stages, consolidation accounting method shall be disclosed additionally for the period in which the control is obtained. For example, if a business consolidation under common control is finally achieved in stages, when preparing the consolidated financial statements, adjustments shall be made for the current consolidation status as if consolidation has always been there since the point when the ultimate controlling party starts to control. In preparation of comparative figures, asset and liability of the acquiree shall be consolidated into the Group's comparative financial statements, but to the extent no earlier than the point when the Group and acquiree are both under ultimate control and relevant items under equity in comparative financial statements shall be adjusted for net asset increased in combination. To avoid the duplicated computation of net asset of acquiree, for long-term equity investment held by the Group before the consolidation, relevant profit and loss, other comprehensive income and movement in other net asset, recognized for the period between the combination date and later date when original shareholding is obtained and when the Group and the acquiree are under common control of same ultimate controlling party, shall be respectively used for writing down the opening balance of retained earnings of comparative financial statements and profit and loss for the current period.

If a subsidiary is acquired not under common control, its operation results and cash flow shall be consolidated since the beginning of the consolidation period. In preparation of the consolidated financial statements, adjustments shall be made to subsidiary's financial statements based on the fair value of its all identifiable assets, liability or contingent liability on the acquisition date.

If a business consolidation under non-common control is finally achieved in stages, consolidation accounting method shall be disclosed additionally for the period in which the control is obtained. For example, if a business consolidation not under common control is finally achieved in stages, when preparing the consolidated financial statements, the acquirer shall remeasure its previously held equity interest in the acquiree at its acquisition-date fair value and recognize the resulting gain or loss as investment income for the current period. Other comprehensive income, under equity method accounting rising from the interest held in acquiree in relation to the period before the acquisition, and changes in the value of its other equity other than net profit or loss, other comprehensive income and profit appropriation shall be transferred to investment gain or loss for the period in which the acquisition incurs, excluding the other comprehensive income from the movement on the remeasurement of net asset or liability of defined benefit plan.

When the Group partially disposes of the long-term equity investment in subsidiary without losing the control over it, in the consolidated financial statements, the difference, between disposals price and respective disposed value of share of net assets in the subsidiary since the

acquisition date or combination date, shall be adjusted for capital surplus or share premium, no enough capital surplus, then adjusted for retained earnings.

When the Group partially disposes of the long –term equity investment in subsidiary and lose the control over it, in preparation of consolidated financial statements, remaining share of interest in the subsidiary shall be remeasured on the date of losing control. Sum of the share disposal consideration and fair value of remaining portion of shareholding minus the share of the net assets in the subsidiary held based on the previous shareholding percentage since the acquisition date or combination date, the balance of above is recognized as investment gain/loss for the period and goodwill shall be written off accordingly. Other comprehensive income relevant to share investment in subsidiary shall be transferred to investment gain /loss for the period on the date of losing control.

When the Group partially disposes of the long –term equity investment in subsidiary and lose the control over it by stages, if all disposing transactions are bundled, each individual transaction shall be seen as a transaction of disposal of a subsidiary by losing control. The difference between the disposal price and the share of the net assets in the subsidiary held before the date of losing control, shall be recognize as other comprehensive income until the date of losing control where it is transferred into investment gain/ loss for the current period.

#### **7. Joint arrangement classification and joint operation accounting**

The Group’s joint arrangement includes joint operation and joint venture. For joint operation, the Group as a joint operator shall recognize its own assets and its share of any assets held jointly, its liabilities and its share of any liabilities incurred jointly, its revenue from the sale of its share of the output arising from the joint operation, its share of the revenue from the sale of the output by the joint operation; and its expenses, including its share of any expenses incurred jointly. When an entity enters into a transaction with a joint operation in which it is a joint operator, such as a sale or contribution of assets, it is conducting the transaction with the other parties to the joint operation and, as such, the joint operator shall recognize gains and losses resulting from such a transaction only to the extent of the other parties’ interests in the joint operation.

#### **8. Cash and cash equivalent**

The cash listed on the cash flow statements of the Group refers to cash on hand and bank deposit. The cash equivalents refer to short-term (normally with original maturities of three months or less) and liquid investments which are readily convertible to known amounts of cash and subject to an insignificant risk of changes in value.

#### **9. Translation of foreign currency**

##### **(1) Foreign currency transaction**

Foreign currency transactions are translated at the spot exchange rate issued by People’s Bank of China (“PBOC”) on the 1<sup>st</sup> day of the month when the transactions incurred. Monetary assets and liabilities in foreign currencies are translated into RMB at the exchange rate prevailing at the

balance sheet day. Exchange differences arising from the settlement of monetary items are charged as in profit or loss for the period. Exchange differences of specific borrowings related to the acquisition or construction of a fixed asset should be capitalized as occurred, before the relevant fixed asset being acquired or constructed is ready for its intended uses.

(2) Translation of foreign currency financial statements

The asset and liability items in the foreign currency balance sheet should be translated at a spot exchange rate at the balance sheet date. Among the owner's equity items except "undistributed profit", others should be translated at the spot exchange rate when they are incurred. The income and expense should be translated at spot exchange rate when the transaction incurs. Translation difference of foreign currency financial statements should be presented separately under the other comprehensive income title. Foreign currency cash flows are translated at the spot exchange rate on the day when the cash flows incur. The amounts resulted from change of exchange rate are presented separately in the cash flow statement.

**10. Financial assets and financial liabilities**

The company shall recognize a financial asset or a financial liability when the company becomes party to the contractual provisions of the instrument.

(1) Financial assets

1) Classification, recognition and measurement

The company shall classify financial assets as measured at amortized cost, fair value through other comprehensive income or fair value through profit or loss on the basis of both the company's business model for managing the financial assets and the contractual cash flow characteristics of the financial asset.

A financial asset shall be measured at amortized cost if both of the following conditions are met:

①the financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows;②the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding. At initial recognition, the company shall measure the financial asset at its fair value and take any transaction costs that are directly attributable to the financial asset into account. After initial recognition, the company shall measure the financial asset at amortized cost. A gain or loss on a financial asset that is measured at amortized cost and is not a hedged item shall be recognized in profit or loss when the financial asset is derecognized, impaired, involved in foreign exchange or amortized for any difference arising between the initial recognized amount and due amount by applying effective interest method.

A financial asset shall be measured at fair value through other comprehensive income if both of the following conditions are met: ①the financial asset is held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets and ②the contractual terms of the financial asset give rise on specified dates to cash flows that are

solely payments of principal and interest on the principal amount outstanding. At initial recognition, the company shall measure this financial asset at its fair value and take any transaction costs that are directly attributable to the financial asset into account. A gain or loss on a financial asset that is measured at fair value through other comprehensive income and is not a hedged item shall be recognized in other comprehensive income apart from a gain or loss on credit loss, foreign exchange and interest of the financial asset calculated by effective interest method. Accumulated gain or loss previously in the other comprehensive income shall be out of it and accounted in the profit or loss account when the financial asset is derecognized.

The company recognized interest revenue based on effective interest method. Interest revenue shall be calculated by applying the effective interest rate to the gross carrying amount of a financial asset, except for: ① purchased or originated credit-impaired financial assets. For those financial assets, the company shall apply the credit-adjusted effective interest rate to the amortized cost of the financial asset from initial recognition. ② financial assets that are not purchased or originated credit-impaired financial assets but subsequently have become credit-impaired financial assets. For those financial assets, the company shall apply the effective interest rate to the amortized cost of the financial asset in subsequent reporting periods.

The company designates an investment as fair value measured through other comprehensive income if an equity instrument held is not for trading. Once the decision is made, it is an irrevocable election. At initial recognition, the company shall measure the equity instrument investment not for trading at its fair value and take any transaction costs that are directly attributable to the financial asset into account. Any other gain or loss (including foreign exchange gain or loss) shall be accounted in other comprehensive income and shall not be subsequently transferred to profit or loss, unless the dividend received is accounted in profit or loss (excluding the recovered investment cost). Accumulated gain or loss previously in the other comprehensive income shall be out of it and into retained earnings when the financial asset is derecognized.

Apart from classified as the amortized cost financial assets and as fair value through other comprehensive income financial assets, a financial asset is classified as fair value through profit or loss. At initial recognition, the company shall measure this financial asset at its fair value and take any transaction costs that are directly attributable to the financial asset into account.

A financial asset shall be classified as fair value through profit or loss if it is recognized contingent consideration through business combination, which is not under same control situation.

## 2) Recognition and measurement of transfer of financial assets

A financial asset is derecognized when any one of the following conditions is satisfied: ① the rights to receive cash flows from the asset is terminated, ② the financial asset has been transferred and the company transfers substantially all risks and rewards relating to the financial assets to the transferee, ③ the financial asset has been transferred to the transferee, the company has given up its control of the financial asset although the company neither transfers nor retains all risks and rewards of the financial asset.

In the case where the financial asset as a whole qualifies for the derecognition conditions, the difference between the carrying value of transferred financial asset and the sum of the consideration received for transfer and the accumulated amount of changes in fair value in respect of the amount of partial derecognition (the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding) , that was previously recorded under other comprehensive income is transferred into profit or loss for the period.

In the case where only part of the financial asset qualifies for derecognition, the carrying amount of financial asset being transferred is allocated between the portions that to be derecognised and the portion that continued to be recognised according to their relative fair value. The difference between the amount of consideration received for the transfer and the accumulated amount of changes in fair value that was previously recorded in other comprehensive income for the asset partially qualified for derecognition (the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding) and the above-mentioned allocated carrying amount is charged to profit or loss for the period.

## (2) Financial liabilities

### 1) Classification, basis for recognition and measurement

Financial liabilities of the company are classified at initial recognition as “financial liabilities at fair value through profit or loss” and “other financial liabilities” on initial recognition.

Financial liabilities at fair value through profit or loss include financial liabilities held for trading and those designated as fair value through profit or loss on initial recognition. They are subsequently measured at fair value. The net gain or loss arising from changes in fair value, dividends and interest paid related to such financial liabilities are recorded in profit or loss for the period in which they are incurred.

Other financial liabilities shall be subsequently measured at amortized cost by applying effective interest method. The company shall classify a financial liability as a liability measured at amortized cost except the followings: ① financial liability measured at fair value through profit or loss including tradable financial liability (derivative instrument of financial liability included) and designated as financial liability measured at fair value through profit or loss ② financial assets transfers that do not qualify for derecognition or financial liability is formed from continuing involvement in transferred assets ③ financial guarantee contract not in the above category of ① or ② and loan commitment which is not in the category ① at the below the market loan rate.

The company shall account the financial liability as it measured at fair value through profit or loss if the financial liability is formed by contingent consideration recognized by the buyer through business combination that is not under common control.

### 2) Financial liability derecognition

A financial liability is derecognized when the underlying present obligations or part of it are discharged. Existing financial liability shall be derecognized and new financial liability shall be recognized when the company signs the agreement with creditor to undertake the new financial liability in replacement of existing financial liability, and the terms of agreement are different in substance. Any significant amendment to the agreement as a whole or part of it is made, then the existing liabilities or part of it shall be derecognized and financial liability after terms amendment shall be recognized as a new financial liability. The difference between the carrying amount of the financial liability derecognized and the consideration paid is recognized in profit or loss for the period.

(3) Fair value measurement of financial asset and financial liability

The company uses the price in the primary market for financial assets and liability fair value measurement, if no primary market exists, the price in the most advantageous market shall be used for fair value measurement and applicable valuation techniques which enough data is available for and supported by other information shall be adopted. Input for fair value measurement has 3 levels: level 1 input is the unadjusted quoted price for identical asset or liability available at the active market on the measurement date; level 2 input is the directly or indirectly observable input for relevant asset or liability apart from level 1 input; level 3 input is the unobservable input for relevant asset or liability.

(4) Financial asset and financial liability offset

Financial asset and financial liability shall be presented in the balance sheet separately and cannot be offset, unless the following conditions are all met: ①the company has the legal right to recognized offset amount and the right is enforceable. ②the company plans to receive or a legal obligation to pay cash at net amount.

(5) Distinguishment between financial liability and equity instrument and accounting

financial liability and equity instrument shall be distinguished in accordance with the following standards: ① if the company cannot unconditionally avoid paying cash or financial asset to fulfil a contractual obligation, the contractual obligation is qualified or financial liability. For certain financial instrument, although there are no clear terms and conditions to include obligation of paying cash or other financial liability, contractual obligation may indirectly be formed through other terms and conditions. ② the company's own equity instrument shall also be considered whether it is the substitute of cash, financial asset or it is the remaining equity, after the issuer deducts liability, enjoyed by the equity holder, if it must or can be used to settle a financial asset. If the former, the instrument is a financial liability of the issuer, otherwise it is an equity instrument of the issuer. In certain circumstances, financial instrument contract is classified as financial liability, if financial instrument contract specifies the company must or can use its own equity to settle the financial instrument, the contractual amount of right or obligation equals to that of the numbers of own equity instrument available or to be paid multiplied by fair value when settling, nevertheless the amount is fixed, or varied partially or fully based on the its own equity's

market price(such as interest rate, certain commodity's or financial instrument's price variance).

When classifying a financial instrument (or its component) in the consolidated statements, the company takes all terms and conditions agreed by the group member and instrument holder into consideration. If the group due to the instrument, as a whole, bears settlement obligation by paying cash, other financial asset or other means resulted in financial liability, the instrument shall be classified as financial liability.

If a financial instrument or its component is financial liability, any gain or loss, interest, dividend, and any gain or loss from buy back or refinancing shall be accounted in profit or loss.

If a financial instrument or its component is an equity instrument, when it was issued(including refinancing), bought back, sold or withdrawn, any change shall be regarded as equity change and no fair value change shall be recognized.

#### (6) Financial asset impairment

Based on expected credit loss, a financial asset measured at amortized cost, a debt instrument investment measured at FVTOCI and a contractual asset shall all be subject to impairment accounting and be recognized for impairment loss allowance if any impairment.

Expected credit loss is the weighted average of credit losses with the respective risks of a default occurring as the weights. A credit loss herein is referred to as the present value, at original effective rate, of the difference between the contractual cash flows that are due to the company under the contract; and the cash flows that the company expects to receive, that's the present value of the total cash shortage. A financial asset shall be the present value, at credit adjusted effective rate, if it is a purchased or originated credit -impaired asset.

The company adopts simplified approach for trade receivables, contract assets that do not contain a significant financing component, and shall always measure the loss allowance at an amount equal to lifetime expected credit losses.

Impairment requirements is to assess whether credit risk has been significantly increased since initial recognition at each reporting date, if there have been significant increases in credit risk, the company shall measure the loss allowance for a financial instrument at an amount equal to the lifetime expected credit losses, at the reporting date, if the credit risk on a financial instrument has not increased significantly since initial recognition, the company shall measure the loss allowance for that financial instrument at an amount equal to 12-month expected credit losses.

When assessing expected credit losses, the company considers all reasonable and supportable information, including that which is forward-looking.

The company shall measure expected credit losses of a financial instrument in a way that reflects: an unbiased and probability-weighted amount that is determined by evaluating a range of possible outcomes; The time value of money; and reasonable and supportable information that is available without undue cost or effort at the reporting date about past events, current conditions and forecasts of future economic conditions.

The company directly lowers the book value of the financial asset when contractual cash flow cannot be fully or partially recollected within rational expectation any longer.

The company also assesses the expected credit loss of financial asset measured at amortized cost based on aging portfolio, other than pastdue credit loss assessment based on individual item.

## 11. Notes receivable

### (1) Recognition of provision for impairment

On the basis of expected credit loss, the company always measures the loss allowance at an amount equal to lifetime expected credit losses for notes receivables which do not contain a significant financing component and are generated in accordance with Revenue Standard- No 14 of Accounting Standard for Business Enterprise.

### (2) Expected credit loss risk portfolio assessment method based on portfolio

The company separately assesses the credit risk of financial assets which have significantly different the credit risk, such as receivable with dispute or involved in litigation and arbitration; There are clear signs indicating the debtor is unlikely to fulfill the repayment obligations of the receivables, etc.

Apart from the financial asset to be assessed for credit risk separately, the company divides the financial assets into different group based on common characteristics of risk and assesses the risk based on the portfolio.

Based on the acceptor credit risk of notes receivable as the common risk characteristics, it is divided into different categories and determined for expected credit loss accounting estimate policy.

<b>Portfolio category</b>	<b>Expected credit loss accounting estimate policy</b>
Bank acceptance note portfolio	Lower credit risk assessed by the management
Commercial acceptance note portfolio	Same as receivables and provided for excepted credit loss allowance

Referring to the experience of historical credit losses, the company prepares a table comparing the aging of notes receivable with the fixed reserve rate to calculate the expected credit losses on this basis.

The Company prepares the comparison table between receivables aging and expected credit loss rate within lifetime and work out the expected credit loss by reference to historical credit loss experience in combination with current situation and future forecast of economy condition.

The company shall measure expected credit losses of a financial instrument in a way that reflects: an unbiased and probability-weighted amount that is determined by evaluating a range of possible outcomes; The time value of money; and reasonable and supportable information that is available without undue cost or effort at the reporting date about past events, current conditions and forecasts of future economic conditions.

The company prepares the comparison table between receivables aging and fixed provision rate and work out the expected credit loss by reference to historical credit loss experience.

On the balance sheet date, expected credit loss of receivable shall be calculated. If the expected credit loss is larger than the book value of the provision of receivable impairment, the difference shall be recognized as receivable impairment loss, debit to “credit impairment loss”, credit to “provision for bad debt”. Alternatively, the difference is recognized as impairment gain and reversed journal entry shall be made.

Actually incurred credit loss shall be debit to “provision for bad debt”, credit to “notes receivable”, based on the approved amount to be written off as it is assured as uncollectible receivable. If the amount to be written off is bigger than the provision for impairment loss, the difference is debit to “credit impairment loss”.

## 12. Accounts receivable

### (1) Recognition of provision for impairment

On the basis of expected credit loss, the company always measures the loss allowance at an amount equal to lifetime expected credit losses for trade receivables which do not contain a significant financing component and are generated in accordance with Revenue Standard- No 14 of Accounting Standard for Business Enterprise. For trade receivables which do contain a significant financing component, the company chooses as its accounting policy to measure the loss allowance at an amount equal to lifetime expected credit losses.

### (2) Expected credit loss risk portfolio assessment method based on portfolio

The company separately assesses the credit risk of financial assets which have significantly different the credit risk, such as receivable with dispute or involved in litigation and arbitration; There are clear signs indicating the debtor is unlikely to fulfill the repayment obligations of the receivables, etc.

Apart from the financial asset to be assessed for credit risk separately, the company divides the financial assets into different group based on common characteristics of risk and assesses the risk based on the portfolio.

Apart from the trade receivables and other receivables to be assessed for credit risk separately, based on the counterparty as the common risk characteristics, it is divided into different categories and determined for expected credit loss accounting estimate policy.

<b>Portfolio category</b>	<b>Expected credit loss accounting estimate policy</b>
Related parties portfolio within the consolidation	Lower credit risk assessed by the management
Other related parties and non-related parties portfolio	Provided for excepted credit loss allowance

Referring to the experience of historical credit losses, the company prepares a table comparing the aging of accounts receivable with the fixed reserve rate to calculate the expected credit losses on this basis.

On the balance sheet date, expected credit loss of receivable shall be calculated. If the expected credit loss is larger than the book value of the provision of receivable impairment, the difference shall be recognized as receivable impairment loss, debit to “credit impairment loss”, credit to “provision for bad debt”. Alternatively, the difference is recognized as impairment gain and reversed journal entry shall be made.

Actually incurred credit loss shall be debit to “provision for bad debt”, credit to “receivable”, based on the approved amount to be written off as it is assured as uncollectible receivable. If the amount to be written off is bigger than the provision for impairment loss, the difference is debit to “credit impairment loss”

### **13. Receivables financing**

In the process of managing enterprise liquidity, the Company carries out endorsement transfer or discount of most of the notes receivable before maturity, and terminates the confirmation of the discounted or endorsed notes receivable based on the fact that the Company has transferred almost all the risks and rewards of the relevant notes receivable to the relevant counterparty. The company's business model of managing notes receivable is aimed at both collecting the contract cash flow and selling the financial asset, so it is classified as the financial asset measured at fair value and its changes are included in other comprehensive income, and listed in the receivables financing.

### **14. Other receivable**

#### **(1) Recognition of provision for impairment**

On the basis of expected credit loss, the company always measures the loss allowance at an amount equal to lifetime expected credit losses for trade receivables which do not contain a significant financing component and are generated in accordance with Revenue Standard- No 14 of Accounting Standard for Business Enterprise. For trade receivables which do contain a significant financing component, the company chooses as its accounting policy to measure the loss allowance at an amount equal to lifetime expected credit losses.

#### **(2) Expected credit loss risk portfolio assessment method based on portfolio**

The company separately assesses the credit risk of financial assets which have significantly different the credit risk, such as receivable with dispute or involved in litigation and arbitration; There are clear signs indicating the debtor is unlikely to fulfill the repayment obligations of the receivables, etc.

Apart from the financial asset to be assessed for credit risk separately, the company divides the financial assets into different group based on common characteristics of risk and assesses the risk based on the portfolio.

Apart from the trade receivables and other receivables to be assessed for credit risk separately, based on the counterparty as the common risk characteristics, it is divided into different categories and determined for expected credit loss accounting estimate policy.

<b>Portfolio category</b>	<b>Expected credit loss accounting estimate policy</b>
Related parties portfolio within the consolidation	Lower credit risk assessed by the management
Other related parties and non-related parties portfolio	Same as receivables and provided for excepted credit loss allowance

Referring to the experience of historical credit losses, the company prepares a table comparing the aging of other receivable with the fixed reserve rate to calculate the expected credit losses on this basis.

The company prepares the comparison table between receivables aging and expected credit loss rate within lifetime and work out the expected credit loss by reference to historical credit loss experience in combination with current situation and future forecast of economy condition.

The company shall measure expected credit losses of a financial instrument in a way that reflects: an unbiased and probability-weighted amount that is determined by evaluating a range of possible outcomes; The time value of money; and reasonable and supportable information that is available without undue cost or effort at the reporting date about past events, current conditions and forecasts of future economic conditions.

The company prepares the comparison table between receivables aging and fixed provision rate and work out the expected credit loss by reference to historical credit loss experience.

On the balance sheet date, expected credit loss of receivable shall be calculated. If the expected credit loss is larger than the book value of the provision of receivable impairment, the difference shall be recognized as receivable impairment loss, debit to “credit impairment loss”, credit to “provision for bad debt”. Alternatively, the difference is recognized as impairment gain and reversed journal entry shall be made.

Actually incurred credit loss shall be debit to “provision for bad debt”, credit to “notes receivable”, “receivable”, “other receivable” based on the approved amount to be written off as it is assured as uncollectible receivable. If the amount to be written off is bigger than the provision for impairment loss, the difference is debit to “credit impairment loss”

## **15. Inventories**

Inventories are materials purchasing, raw material, variance of cost materials, low-valuable consumable, materials processed on commission, working-in-progress, semi-finished goods, variance of semi-finished goods, and finished goods, engineering construction etc.

The inventories are processed on perpetual inventory system, and are measured at their actual cost on acquisition. Weighted average cost method is taken for measuring the inventory

dispatched or used. Low value consumables and packaging materials is recognized in the income statement by one-off method.

After yearend thorough inventory check, at the balance sheet date inventory impairment should be provided or adjusted according to inventory category. For the finished goods, raw material held for sale etc which shall be sold directly, the net realizable value should be confirmed at the estimated selling price less estimated selling expenses and related tax and expenses. The raw material held for production, its realizable value should be confirmed at the estimated selling price of finished goods less estimated cost of completion, estimated selling expenses and related tax. The net realizable value of inventories held for execution of sale contracts or labor contracts shall be calculated based on the contract price. If the quantities of inventories in the Group are more than quantities if inventories subscribed in the sales contracts, the net realizable value of the excessive part of the inventories should be calculated based on the general selling price. When the impairment indicators disappear, impairment provision shall be reversed and

#### **16. Contract assets**

Contract assets are the rights of the Company to receive consideration for the goods it has transferred to the customer, and such rights are subject to factors other than the passage of time. If the Company sells two clearly distinguishable goods to a customer and is entitled to receive payment for the delivery of one of the goods, but the payment is contingent on the delivery of the other goods, the Company regards the right to receive payment as a contract asset.

The method for determining the expected credit loss of the contract assets shall refer to the description of notes receivable and accounts receivable in notes 11 and 12 above.

Accounting method: the Company calculates the expected credit loss of the contract assets on the balance sheet date. If the expected credit loss is greater than the carrying amount of the current contract assets impairment provision, the Company will recognize the difference as an impairment loss and debit "credit impairment loss" and credit "Contract assets impairment provision". On the contrary, the Company recognizes the difference as impairment gain and makes opposite accounting records.

If the Company actually suffers a credit loss and determines that the relevant contract assets cannot be recalled, and the write-off is approved, the Company shall debit "impairment provisions of contract assets" and credit "contract assets" according to the approved amount of write-off. If the amount of write-off is greater than the allowance for loss accrued, the difference shall be debited as "credit impairment loss".

#### **17. Contract Cost**

(1) The method for determining the amount of assets related to the contract cost

The Company's assets related to contract cost include contract performance cost and contract acquisition cost.

Contract performance cost, that is, the cost of the Company to the contract, do not belong to other

accounting standards for enterprises the scope of the specification, and satisfy the following conditions at the same time, as the performance contract cost recognized as an asset: the cost and a current or expected is directly related to the contract, including direct materials, direct labor, manufacturing cost (or similar fee), specific cost borne by the customer and only other cost arising from this contract; this cost increases the Company's future resources for performance obligations; the cost is expected to be recovered.

Contract acquisition cost, that is, the incremental cost incurred by the Company to acquire the contract is expected to be recovered, shall be recognized as an asset as the contract acquisition cost; if the amortization period of the asset does not exceed one year, it shall be recorded into the current profit and loss at the time of occurrence. Incremental cost is cost (such as sales commissions, etc.) that the Company would not incur without obtaining a contract. Expenses incurred by the Company for the acquisition of the contract, in addition to the incremental cost expected to be recovered (such as travel expenses incurred whether the contract is acquired or not, etc.), shall be recorded into the current profit and loss when incurred, except those clearly borne by the customer.

(2) Amortization of assets related to contract cost

The assets related to the contract cost of the Company shall be amortized on the same basis as the commodity income recognition related to the assets and shall be recorded into the current profit and loss.

(3) Impairment of assets related to the contract cost

When determining the impairment loss of assets related to the contract cost, the Company shall first determine the impairment loss of other assets related to the contract recognized in accordance with accounting standards for other relevant enterprises. If the carrying value is higher than the residual consideration expected to be obtained by the Company due to the transfer of the commodity related to the asset and the estimated cost to be incurred for the transfer of the commodity, the excess part shall be set aside for impairment loss and recognized as an asset impairment loss.

If the foregoing difference is higher than the carrying amount of the asset, the carrying amount of the asset shall be converted back to the original provision for impairment of the asset and recorded into the current profit and loss. However, the carrying amount of the asset after conversion shall not exceed the carrying amount of the asset under the circumstance of no provision for impairment of the asset.

## **18. Long-term receivables**

(1) Confirmation method of impairment provisio

On the basis of expected credit losses, the Company will always measure its loss provision in accordance with the amount equivalent to the expected credit losses in the entire duration for long-term receivables formed by transactions regulated by the Accounting Standards for

Enterprises No. 14 - Income Standards that do not contain significant financing components.

Measurement of expected credit losses. Expected credit loss refers to the weighted average of the credit loss of a financial instrument weighted by the risk of default. The credit loss herein refers to the difference between all contractual cash flows receivable under the contract and all cash flows expected to be received by the Company discounted at the original effective interest rate, i.e. the present value of all cash shortfalls.

(2) A portfolio method to evaluate expected credit risk on the basis of portfolio

The Company evaluates the credit risk of financial assets with significantly different credit risks, such as: long-term receivables that have disputes with the other party or involve litigation or arbitration; Other receivables where there is a clear indication that the debtor is likely to be unable to meet its obligations, etc.

Except for financial assets for which credit risk is assessed individually, the Company divides financial assets into different groups based on common risk characteristics and evaluates credit risk on a portfolio basis.

In addition to long-term receivables with single credit risk assessment, it is divided into different combinations based on the relationship between long-term receivables transaction objects as the common risk characteristics, and the expected credit loss accounting estimation policy is determined:

Accounting policy for expected credit loss of portfolio classification

The related party portfolio management within the scope of the merger evaluates that such projects have low credit risk

Other related parties and combinations of non-related parties shall draw impairment provisions in accordance with the expected loss rate

With reference to historical credit loss experience and combined with the current situation and forecast of future economic conditions, the company prepares a comparison table between the age of long-term receivables and the expected credit loss rate of the entire duration to calculate the expected credit loss.

The Company's method of measuring expected credit losses on financial instruments reflects factors such as: an unbiased probability weighted average amount determined by evaluating a range of possible outcomes; Time value of money; Reasonable and evidence-based information about past events, current conditions, and projections of future economic conditions that are available at no unnecessary additional cost or effort at the balance sheet date.

The Company calculates the expected credit loss of long-term receivables on the balance sheet date. If the expected credit loss is greater than the carrying amount of the current impairment provision for long-term receivables, the Company recognizes the difference as the impairment loss for long-term receivables, debits the "credit impairment loss" and credits the "bad debt provision". Instead, the company recognizes the difference as an impairment gain and makes the

opposite accounting record.

If the company decides that the related long-term receivables cannot be collected due to the actual credit loss and is approved to cancel, the "bad debt reserve" and the "long-term receivables" shall be debited and credited according to the approved amount of write-off. If the write-off amount is greater than the loss provision already drawn, the difference will be debited to "credit impairment loss" on a regular basis.

### **19. Long-term equity investment**

Long term equity investments are the investment in subsidiary, in associated company and in joint venture.

Joint control is the contractual agreement sharing of control over an economic activity by all participants or participants' combination and decisions or policies relating to the operating activity of the entity require the unanimous consent of the parties sharing the control.

Significant influence exists when the entity directly or indirectly owned 20% or more but less than 50% shares with voting rights in the investee company. If holding less than 20% voting rights, the entity shall also take other facts or circumstances into accounts when judging any significant influences. Factors and circumstances include: representation on the board of directors or equivalent governing body of the investee, participation in financial or operating activities policy-making processes, material transactions between the investor and the investee, interchange of managerial personnel or provision of essential technical information.

When control exists over an investee, the investee is a subsidiary of an entity. The initial investment cost for long-term equity investment acquired through business combination under common control, is the carrying amount presented in the consolidated financial statements of the share of net assets at the combination date in the acquired company. If the carrying amount of net assets at the combination date in the acquired company is negative, investment shall be recognized at zero.

If the equity of investee under common control is acquired by stages and business combination incurs in the end, an entity shall disclose the accounting method for long-term equity investment in the parent financial statement as a supplemental. For example, if the equity of investee under common control is acquired by stages and business combination incurs in the end, and it's a bundled transaction, the entity shall regard all transactions as a one for accounting. If it's not a bundled transaction, the carrying amount presented in the consolidated financial statements of the share of net assets at the combination date in the acquired company since acquisition is determined as for the initial cost of long-term equity investment. The difference between the cost initially recognized and carrying amount of long-term equity investment prior to the business combination plus the newly paid consideration for further share acquired, and capital reserve shall be adjusted accordingly. If no enough capital reserve is available for adjustment, retain earnings shall be adjusted.

If long-term equity investment is acquired through business combination not under common control, initial investment cost shall be the combination cost.

If the equity of investee not under common control is acquired by stages and business combination incursion the end, an entity shall disclose the accounting method for long-term equity investment in the parent financial statement as a supplemental. If the equity investment of investee not under common control is acquired by stages and business combination incursion the end, and it's a bundled transaction, the entity shall regard all transactions as a one for accounting. If it's not a bundled transaction, the carrying amount of the equity investment held previously plus newly increased investment cost are taken as the initial investment cost under cost model. If equity investment is held under equity method before the acquisition date, other comprehensive income under equity method previously shall not be adjusted accordingly. When disposing of the investment, the entity shall adopt the same basis as the investee directly disposing of related assets or liability for accounting treatment. Equity held prior to acquisition date as available for sale financial assets under fair value model, accumulated change on fair value previously recorded in other comprehensive shall be transferred into investment gain/loss for the period.

Apart from the long-term equity investments acquired through business combination mentioned above, the cost of investment for the long-term equity investments acquired by cash payment is the amount of cash paid. For long-term equity investment acquired by issuing equity instruments, the cost of investment is the fair value of the equity instrument issued. For long-term equity investment injected to the entity by the investor, the investment cost is the consideration as specified in the relevant contract or agreement.

The Group adopts cost method to account for investment in subsidiary and equity method for investment in joint venture and affiliate.

Long-term equity investment subsequently measured under cost model shall increase the carrying amount of investment by adjusting the fair value of additional investment and relevant transaction expenses. Cash dividend or profit declared by investee shall be recognized as investment gain/loss for the period based on the proportion share in the investee.

Long-term equity investment subsequently measured under equity method shall be adjusted for its carrying amount according to the share of equity increase or decrease in the investee. The entity shall recognize its share of the investee's net profits or losses based on the fair value of the investee's individual identifiable assets at the acquisition date, after making appropriate adjustments thereto in conformity with the accounting policies and accounting period, and offsetting the unrealized profit or loss from internal transactions entered into between the entity and its associates and joint ventures according to the shareholding attributable to the entity and accounted for as investment income and loss based on such basis.

On disposal of a long-term equity investment, the difference between the carrying value and the consideration actually received is recognized as investment income for the period. For long-term investments accounted for under equity method, the movements of shareholder's equity, other than

the net profit or loss, of the investee company, previously recorded in the shareholder's equity of the Company are recycled to investment income for the period on disposal.

Where the entity has no longer joint control or significant influence in the investee company as a result of partially disposal of the investment, the remaining investment will be changed to be accounted for as available for sale financial assets, and the difference between the fair value of remaining investment at the date of losing joint control or significant influence and its carrying amount shall be recognized in the profit or loss for the year. Other comprehensive income recognized from previous equity investment under equity model shall be accounted for on the same basis as the investee directly disposing of related assets or liability when stopping using under equity model.

Where the entity has no longer control over the investee company as a result of partially disposal of the investment, the remaining investment will be changed to be accounted for using equity method providing remaining joint control or significant influence over the investee company. The difference between carrying amount of disposed investment and consideration received actually shall be recognized in the profit and loss for the period as investment gain or loss, and investment shall be adjusted accordingly as if it was accounted for under equity model since acquisition. Where the entity has on longer joint control or significant influence in the investee as a result of disposal, the investment shall be changed to be accounted for as available for sale financial assets, and difference between the carrying amount and disposal consideration shall be recognized in profit and loss for the period, and the difference between the fair value of remaining investment at the date of losing control and its carrying amount shall be recognized in the profit or loss for the year as investment gain or loss.

If the entity loses its control through partially disposal of investment by stages and it's not a bundled transaction, the entity shall account for all transactions separately. If it's a bundled transaction, the entity shall regard all transactions as one disposal of subsidiary by losing control, but the difference between disposal consideration and carrying amount of the equity investment disposed prior to losing control, which arises from each individual transaction shall be recognized as other comprehensive income until being transferred into profit and loss for the period by the time of losing control.

## 20. Investment property

The investment property includes property and building and measured at cost model

Category	Useful life (years)	Estimated net residual value rate	Annual depreciation rate
Housing and Buildings	40	3%	2.43%

## 21. Fixed assets

Recognition criteria of fixed assets: defined as the tangible assets which are held for the purpose of producing goods, rendering services, leasing or for operation & management, and have more than one year of useful life.

Fixed assets shall be recognized when the economic benefit probably flows into the Group and its cost can be measured reliably. Fixed assets include: building, machinery, transportation equipment, electronic equipment and others.

All fixed assets shall be depreciated unless the fixed assets had been fully depreciated and are still being used and land is separately measured. Straight-line depreciation method is adopted by the Group. Estimated net residual value rate, useful life, depreciation rate as follows:

No	Category	Useful life (years)	Estimated net residual value rate	Annual depreciation rate
1	Housing and Buildings	20-40	3%,5%,10%	2.25-4.85%
2	Machinery equipment	10-22	3%,5%,10%	4.09-9.7%
3	Transportation equipment	4-15	3%,5%,10%	6-24.25%
4	Electronic equipment	5	3%,5%,10%	18-19.4%
5	Others equipment	10-15	3%,5%,10%	6-9.7%

The Group should review the estimated useful life, estimated net residual value and depreciation method at the end of each year. If any change has occurred, it shall be regarded as a change in the accounting estimates.

Finance lease shall be recognized when one of the conditions are met, (1) the ownership of the asset belongs to the company when the lease term is due, (2) the company has the option to buy the asset and buy price is far lower than the fair value when exercising the option. (3) lease term is most of the asset life (4) no significant difference between the present value of minimum lease premium and fair value on the lease commencement date.

On commencement date, leased asset shall be recognized at the lower of fair value and the PV of minimum lease payment, long term payable shall be recognized at the minimum lease payment and the difference is unrecognized financing expense.

The depreciation policy of the leased fixed assets shall be consistent with that of the self-owned fixed assets. If the ownership of asset can be reliably acquired by the lease term due date, leased asset shall be depreciated through the expected service life, otherwise, it shall be depreciated within the lower of the lease term and expected service life of the asset.

## 22. Construction in progress

The criteria and time spot of constructions in progress's being transferred to fixed assets: Constructions in progress are carried down to fixed assets on their actual costs when completing and achieving estimated usable status. The fixed assets that have been completed and reached estimated usable status but have not yet been through completion and settlement procedures are charged to an account according to their estimate values; adjustment will be conducted upon

confirmation of their actual values. The Group should withdraw depreciation in the next month after completion.

### **23. Borrowing costs**

The borrowing cost includes the interest expenses of the borrowing, amortization of underflow or overflow from borrowings, additional expenses and the foreign exchange profit and loss because of foreign currency borrowings. The borrowing costs incurred which can be directly attribute to the fixed assets, investments properties, inventories requesting over 1 year purchasing or manufacturing so to come into the expected condition of use or available for sale shall start to be capitalized when expenditure for the assets is being occurred, borrowing cost has occurred, necessary construction for bringing the assets into expected condition for use is in progress. The borrowing costs shall stop to be capitalized when the assets come into the expected condition of use or available for sale. The borrowing costs subsequently incurred should be recorded into profit and loss when occurred. The borrowing costs should temporarily stop being capitalized when there is an unusual stoppage of over consecutive 3 months during the purchase or produce of the capitalized assets, until the purchase or produce of the asset restart.

The borrowing costs of special borrowings, deducting the interest revenue of unused borrowings kept in the bank or the investment income from transient investment should be capitalized. The capitalized amount of common borrowings should be calculated as follows: average assets expenditure of the accumulated assets expenditure excess the special borrowing, multiplied by the capital rate. The capital rate is the weighted average rate of the common borrowings.

### **24. Right of use assets**

The right to use assets refers to the right of the Company as the lessee to use the leased assets during the lease term.

#### **(1) Initial measurement**

On the commencement date of the lease term, the Company shall make an initial measurement of the right to use assets at the cost. The cost includes the following four items: (1) The initial measurement amount of lease liabilities; (2) The amount of the lease payment paid on or before the commencement date of the lease term, if there is a lease incentive, will be deducted from the amount of the lease incentive already enjoyed; (3) The initial direct costs incurred, namely the incremental costs incurred to achieve the lease; (4) The cost expected to be incurred for the demolition and removal of the leased asset, the restoration of the leased asset site or the restoration of the leased asset to the state agreed in the lease terms, except those incurred for the production of inventory.

#### **(2) Follow-up measurement**

After the commencement of the lease term, the Company shall adopt the cost model to carry out subsequent measurement of the right to use assets, that is, to measure the right to use assets at the cost minus accumulated depreciation and accumulated impairment losses. If the Company

re-measures the lease liabilities in accordance with the relevant provisions of the lease standards, the book value of the right to use assets shall be adjusted accordingly.

#### Depreciation of usufruct assets

From the commencement date of the lease term, the Company shall make depreciation of the usufruct. The usufruct asset is usually depreciated in the month in which the lease begins (if the enterprise chooses to depreciate in the month in which the lease begins, it needs to be depreciated according to the specific situation described). The amount of depreciation deducted shall, according to the use of the usufruct, be included in the cost of the relevant asset or the current profit and loss.

When determining the depreciation method of the right to use assets, the Company shall make a decision based on the expected consumption mode of the economic benefits related to the right to use assets, and shall calculate and deduct the depreciation of the right to use assets by the straight line method.

In determining the depreciable life of the use-right assets, the Company shall follow the following principles: Where the ownership of the leased assets is reasonably determined at the end of the lease term, depreciation shall be accrued during the remaining service life of the leased assets; Where it is not reasonably certain that ownership of the leased asset will be acquired at the end of the lease term, depreciation shall be accrued within the shorter period of the lease term or the remaining useful life of the leased asset.

#### Impairment of the right to use assets

In case of impairment of the right to use assets, the Company shall carry out subsequent depreciation according to the book value of the right to use assets after deducting the impairment loss.

### **25. Intangible assets**

The intangible assets of the Group refer to land use right and software. For acquired intangible assets, the actual cost are measured at actual price paid and relevant other expenses. The cost invested into intangible assets by investors shall be determined according to the stated value in the investment contract or agreement, except for those of unfair value in the contract or agreement.

Land use right shall be amortized evenly within the amortization period since the remised date. ERP system software and other intangible assets are amortized over the shortest of their estimated useful life, contractual beneficial period and useful life specified in the law. Amortization charge is included in the cost of assets or expenses, as appropriate, for the period according to the usage of the assets. At the end of the year, for definite life of intangible assets, their estimated useful life and amortization method shall be assessed. Any change shall be treated as change on accounting estimate.

### **26. Impairment of long-term assets**

The Group assesses at each balance sheet date whether there is any indication that long-term

equity investments, investment property, fixed assets, construction in progress and intangible assets with definite useful life may be impaired. If there is any indication that an asset may be impaired, the asset will be tested for impairment. Goodwill arising in a business combination and intangible asset with infinite useful life are tested for impairment annually no matter there is any indication of impairment or not.

Estimate of recoverable amount is the higher of its fair value less costs to sell and the present value of the future cash flows expected to be derived from the asset.

If the recoverable amount of an asset is less than its carrying amount, the carrying amount shall be impaired and the difference is recognised as an impairment loss and charged to profit or loss for the period. Once an impairment loss on the assets is recognised, it is not reversed in a subsequent period.

After assets impairment loss is recognized, depreciation and amortisation of the impaired asset shall be adjusted in the following period so that the adjusted carrying amount (less expected residual value) can be depreciated and amortised systematically within the remaining life.

When assessing goodwill for impairment, the carrying amount of goodwill shall be allocated evenly to the assets group or assets portfolio. When testing the assets group or assets portfolio including goodwill, if there is any indication of impairment, ignoring the goodwill and testing the assets group or assets portfolio alone so to work out the recoverable amount and comparing to its carrying amount and recognize the impairment loss. After that, testing the assets group or assets portfolio with goodwill together, comparing the carrying amount of the assets group or assets portfolio (including goodwill allocation) with recoverable amount, goodwill impairment shall be recognized when the recoverable amount is lower than its carrying amount.

### **27. Long-term deferred expenses**

Long-term deferred expenses of the Group refer to leasing expenses, redecoration expense and others. The expenses should be amortized evenly over the beneficial period. If the deferred expense cannot take benefit for the future accounting period, the unamortized balance of the deferred expenses should be transferred into the current profit or loss. Leasing expenses will be amortized within 10 years and 30 years; redecoration expense and others will be amortized within 3 years.

### **28. Contract liabilities**

Contract liabilities reflect the Company's obligation to transfer the goods to the customer on consideration received or receivable from the customer. Where the customer has paid the contract consideration or the Company has obtained the right to receive the contract consideration unconditionally before the transfer of the goods to the customer, the liability of the contract shall be recognized in accordance with the amount received or receivable at the earlier point between the actual payment made by the customer and the due payment.

### **29. Employee benefits**

Employee's benefit comprises short-term benefit, post-employment benefit, termination benefit and other long-term employee's benefit.

Short-term benefit includes salary, bonus, allowance, welfare, social insurance, housing funds, labour union expense, staff training expense, during the period in which the service rendered by the employees, the actually incurred short term employee benefits shall be recognized as liability and shall be recognized in P&L or related cost of assets based on benefit objective allocated from the service rendered by employees.

Post-employment benefits include the basic pension scheme and unemployment insurance etc. Based on the risk and obligation borne by the Group, post-employment benefits are classified into defined contribution plan and defined benefit plan. For defined contribution plan, liability shall be recognized based on the contributed amount made by the Group to separate entity at the balance sheet date in exchange of employee service for the period and it shall be recorded into current profit and loss account or relevant cost of assets in accordance with beneficial objective.

Termination benefits are employee's benefit payable as a result of either an entity's decision to terminate an employee's employment before the contract due date or an employee's decision to accept voluntary redundancy in exchange for those benefits. An entity shall recognize the termination benefits as a liability and an expense at the earlier date when the entity cannot unilateral withdraw the termination benefits due to employment termination plan or due to redundancy suggestion, or when the entity can recognize the restructuring cost or expense arising from paying termination benefits.

Other long-term employee's benefit refers to all other employee benefits other than short-term benefit, post-employment benefit and termination benefit.

If other long-term employee's benefit is qualified as defined contribution plan, contribution made shall be recognized as liabilities accordingly for the period in which the service are rendered by the employee and recognized in the profit or loss for the current period or relevant cost of assets. Except other long-term employee's benefit mentioned above, obligation arising from defined benefit plan shall be recognized in the profit or loss for the current period or relevant cost of assets in accordance with the period when the service are rendered by the employee.

### **30. Lease liability**

#### **(1) Initial measurement**

The company shall initially measure the liabilities of the lease according to the present value of the outstanding lease payments on the commencement date of the lease term.

#### **1) Lease payment**

The lease payment amount refers to the amount paid by the Company to the Lessor in connection with the right to use the leased assets during the lease term, including: (1) Fixed payment amount and substantial fixed payment amount, less the amount related to the lease incentive where there is a lease incentive; (ii) variable lease payments dependent on indices or ratios, which are determined at

the initial measurement on the basis of the indices or ratios on the commencement date of the lease; (3) The exercise price of the purchase option when the Company reasonably determines that the purchase option will be exercised; (4) The term of the lease reflects the amount of money to be paid for the termination of the lease option when the Company will exercise it; (5) The amount expected to be paid based on the residual value of the guarantee provided by the Company.

## 2) Discount rate

When calculating the present value of the lease payments, the Company shall use the interest rate embedded in the lease as the discount rate, which is the interest rate at which the sum of the present value of the lease receipts and the present value of the unsecured residual value of the lessor is equal to the sum of the fair value of the leased asset and the initial direct expenses of the Lessor. If the company is unable to determine the inherent interest rate of the lease, the incremental borrowing rate shall be used as the discount rate. Such incremental borrowing rate shall mean the interest rate payable by the Company during a similar period under similar mortgage conditions in order to acquire assets with a value similar to that of the usable-use assets under similar economic circumstances. The interest rate is related to: (1) the company's own situation, i.e., the company's solvency and credit standing; ② The term of the "loan", i.e. the lease term; (3) The amount of "borrowed" funds, that is, the amount of lease liabilities; (4) "collateral conditions", that is, the nature and quality of the underlying assets; (5) Economic environment, including the jurisdiction where the lessee is located, the valuation currency, the signing time of the contract, etc. The company's bank loan interest rate/related lease contract interest rate/the company's latest similar asset mortgage interest rate/the interest rate of bonds issued by the enterprise in the same period..... Based on the above adjustment factors to obtain the incremental borrowing rate.

## (2) Follow-up measurement

On the commencement date of the lease term, the Company shall carry out subsequent measurement of the lease liabilities according to the following principles: (1) Increase the carrying amount of the lease liabilities when recognizing the interest of the lease liabilities; (2) Reduce the carrying amount of lease liabilities when paying the lease payment; (3) When the lease payment changes due to revaluation or lease change, the book value of the lease liability shall be measured again.

The Company shall calculate the interest expense of the lease liability in each period of the lease term at a fixed periodic interest rate and record it into the current profit and loss, except for those that should be capitalized. The periodic interest rate refers to the discount rate used by the Company for the initial measurement of lease liabilities, or the revised discount rate used by the Company for the remeasurement of lease liabilities due to changes in lease payments or changes in lease.

## (3) Re-measurement

After the commencement of the lease term, in the event of any of the following circumstances, the Company shall re-measure the lease liabilities according to the present value of the lease payments after the change and adjust the book value of the usufruct accordingly. If the book value of the right

to use assets has been reduced to zero, but the lease liabilities still need to be further reduced, the company shall record the remaining amount into the profits and losses of the current period. (1) Changes in the substantial fixed payment amount (in this case, the original discount rate is used to discount); (2) The estimated amount payable of the residual value changes (in this case, the original discount rate is used to discount); (3) Any change in the index or rate used to determine the lease payment (in which case the revised discount rate is used); (4) The evaluation result of the call option changes (in this case, the revised discount rate is used to discount); (5) Changes in the assessment result or actual exercise of the lease option to renew or terminate the lease option (in which case, the revised discount rate is used to discount the option).

### **31. Contingent liabilities**

When the Company has transactions such as commitment to externals, discounting the trade acceptance, unsettled litigation or arbitration which meets the following criterion, provision should be recognized: It is the Company's present obligation; carrying out the obligation will probably cause the Company's economic benefit outflow; the obligation can be reliably measured.

Provision is originally measured on the best estimate of outflow for paying off the present obligations, and to consider the risk, uncertainty, time value of monetary relevant to contingent items. If the time value of monetary is significant, the best estimate will be determined by discounted cash outflow in the future. At each balance sheet date, the book value of provision is reviewed and adjustment will be made on the book value if there is any change, in order to reflect the current best estimate.

When compensation from the 3rd party is expected for full or partial contingent liability settlement, the compensation shall be recognized as an asset separately and measured at no more than the book value of contingent liability.

### **32. Share based payment**

An equity-settled share-based payment in exchange for the employee's services is measured at the fair value at the date when the equity instruments are granted to the employee. Such fair value during the vesting period of service or before the prescribed exercisable conditions are achieved is recognised as relevant cost or expense on a straight-line during the vesting period based on the best estimated quantity of exercisable equity instruments, accordingly increase capital reserve.

A cash-settled share-based payment is measured at the fair value at the date at which the Group incurred liabilities that are determined based on the price of the shares or other equity instruments. If it is immediately vested, the fair value of the liabilities at the date of grant is recognised as relevant cost or expense, and corresponding liabilities. If it is exercisable only when the vesting period of service is expired or the prescribed conditions are achieve, the fair value of liabilities undertaken by the Group are re-measured at each balance sheet date based on the best estimate of exercisable situation.

The fair value of the liabilities is re-measured at each balance sheet date. Any changes are recognised in the profit or loss for the year.

If the granted equity instruments are cancelled within the vesting period, the equity instrument shall be treated as accelerated vesting and the balance linked to the remaining vesting period shall be recognized in the profit or loss account, accordingly be recognized in the capital reserve. If employees or other parties can choose but fail to satisfy non-vesting conditions during the vesting period, the Company sees this as cancellation of granted equity instruments.

### **33. Revenue**

The revenue of the Company is mainly from sales of complete sets of equipment, engineering installation.

The Company has performed the performance obligations in the contract, that is, when the customer obtains the control right of the relevant goods or services, the revenue is recognized.

If the contract contains two or more performance obligations, the Company shall, at the beginning of the contract, allocate the transaction price to each individual performance obligation according to the relative proportion of the individual selling price of the commodities or services committed by each individual performance obligation, and measure the income according to the transaction price allocated to each individual performance obligation.

The transaction price is the amount of consideration to which the Company is expected to be entitled as a result of the transfer of goods or services to the customer, excluding payments received on behalf of third parties. The trading price recognized by the Company shall not exceed the amount of accumulated recognized revenue that is highly unlikely to be materially reversed when the relevant uncertainties are eliminated. Refunds to customers are expected to be excluded from the transaction price as liabilities. Where there is a significant financing element in the contract, the Company shall determine the transaction price based on the amount payable by the assumed customer in cash upon acquisition of control over the goods or services. The difference between the transaction price and the contract consideration shall be amortized over the term of the contract using the effective interest rate method. On the commencement date of the contract, the Company expects that the interval between the customer's acquisition of control of the goods or services and the customer's payment shall not exceed one year, regardless of the significant financing element existing in the contract.

If one of the following conditions is met, the Company shall perform its performance obligations within a certain period of time; otherwise, the performance obligation shall be performed at a certain point:

- (1) When the customer performs the performance of the Company, it will obtain and consume the economic benefits brought by the performance of the Company.
- (2) The customer can control the commodities under construction during the performance of the Company.
- (3) The commodities produced by the Company during the performance of the contract shall have irreplaceable uses, and the Company shall have the right to receive payment for the accumulated

performance part which has been completed so far during the entire contract period.

For the performance obligations performed within a certain period of time, the Company shall recognize the income according to the performance progress within that period. If the performance schedule cannot be reasonably determined and the Company is expected to be compensated for the costs incurred, the revenue shall be recognized according to the amount of the cost incurred until the performance schedule can be reasonably determined.

For performance obligations performed at a certain point, the Company recognizes revenue at the point when the customer acquires control over the relevant goods or services. In determining whether the customer has acquired control over the goods or services, the Company considers the following indications:

- (1) The Company shall have the right to receive the present payment for the goods or services.
- (2) The Company has transferred the legal ownership of the goods to the customer.
- (3) The Company has transferred the physical goods to the customer.
- (4) The Company has transferred to the customer the major risks and rewards in the ownership of the goods.
- (5) The customer has accepted the goods or services, etc.

The Company determines whether it is the principal responsible person or the agent at the time of the transaction based on whether it has control over the commodity before transferring it to the customer. If the Company is able to control the commodity before transferring the commodity to the customer, the Company shall be the main person responsible and shall recognize the income according to the total amount received or the consideration; otherwise, the Company shall recognize the income according to the amount of the commission or handling charge to be entitled to be collected, which shall be the net amount after the total amount of consideration received or receivable is deducted from the price paid to other relevant parties, or determined according to the proportion of the established commission amount. The circumstances under which the Company judges that it can control the goods before transferring them to the customer include:

- (1) The Company shall transfer the control right of commodities or other assets to the customer after the third party obtains the control right.
- (2) The Company can lead a third party to provide services to customers on behalf of the Company.
- (3) After the Company acquires the control of the commodity by a third party, it transfers the commodity to the customer by integrating it with other products into a group of outputs by providing significant services.

In the specific determination of the ownership of a commodity prior to its transfer to a customer, it is not limited to the legal form of the contract, but takes into account all relevant facts and circumstances, including:

- (1) The Company undertakes the main responsibility of transferring the goods to the customers.
- (2) The Company shall bear the inventory risk of the goods before or after the transfer of the goods.
- (3) The Company shall have the right to determine the prices of the commodities to be traded.
- (4) Other relevant facts and circumstances.

The Company's right to receive consideration for the goods or services it has transferred to the customer (and such right is subject to factors other than the passage of time) is shown as a contract asset, and the impairment of the contract asset is calculated on the basis of the expected credit loss. The Company has the right to collect the consideration unconditionally from the customer as an account receivable. The obligation of the Company to transfer the goods or services to the customer upon receipt of the consideration receivable by the customer is shown as a contract liability.

### **34. Government grants**

A government grant shall be recognized when the Company complies with the conditions attaching to the grant and when the Company is able to receive the grant.

Assets-related government grant is the government fund obtained by the Company for the purpose of long-term assets purchase and construction or establishment in the other forms. Income-related grants are the grant given by the government apart from the assets-related grants. If no grant objective indicated clearly in the government documents, the Company shall judge it according to the principle mentioned above.

Where a government grant is in the form of a transfer of monetary asset, it is measured at the amount received. Where a government grant is made on the basis of fixed amount or conclusive evidence indicates relevant conditions for financial support are met and expect to probably receive the fund, it is measured at the amount receivable. Where a government grant is in the form of a transfer of non-monetary asset, it is measured at fair value. If fair value cannot be determined reliably, it is measured at a nominal amount of RMB1 Yuan.

Assets-related government grants are recognized as deferred income or directly offsetting the book value of the asset, and Assets-related government grants recognized as deferred income shall be evenly amortized to profit or loss over the useful life of the related asset.

Any assets are sold, transferred, disposed off or impaired earlier than their useful life expired date, the remaining balance of deferred income which hasn't been allocated shall be carried forward to the income statement when the assets are disposed off.

Income-related government grants that is a compensation for related expenses or losses to be incurred in subsequent periods are recognized as deferred income and credited to the relevant period when the related expense are incurred. Government grants relating to compensation for related expenses or losses already incurred are charged directly to the profit or loss for the period. Government grants related to daily business, shall be recognized as other income in accordance

with business nature, otherwise, shall be recognized as non-operating expenses.

If any government grant already recognized needs to be returned to the government, the accounting shall be differed according to the following circumstances:

- 1) originally recognized as offsetting of related assets' book value, assets book value shall be adjusted
- 2) if any deferred income, book value of deferred income shall be offset, excessive portion shall be accounted into income statement
- 3) Other situation, it shall be accounted into income statement directly.

### **35. Deferred tax assets and deferred tax liabilities**

The deferred income tax assets or the deferred income tax liabilities should be recognized according to the differences (temporary difference) between the carrying amount of the assets or liabilities and its tax base. Deferred tax assets shall be respectively recognized for deductible tax losses that can be carried forward in accordance with tax law requirements for deduction of taxable income in subsequent years. No deferred tax liabilities shall be recognized for any temporary difference arising from goodwill initially recognition. No deferred tax assets or liabilities shall be recognized for any difference arising from assets or liabilities initial recognition on non-business combination with no effect on either accounting profit or taxable profit (or deductible tax loss). At the balance sheet date, deferred tax assets and deferred tax liabilities are measured at the tax rates that are expected to apply to the period when the asset is realized or liability is settled.

Deferred tax assets are recognized to the extent that it is probable that future taxable profit will be available to offset the deductible temporary difference, deductible loss and tax reduction.

### **36. Lease**

(1) Accounting treatment of operating leases

(1) Identification of lease

A lease is a contract whereby the lessor assigns the right to the use of an asset to the lessee for a certain period of time in exchange for consideration. On the commencement date of the contract, the Company evaluates whether the contract is a lease or includes a lease. A contract is a lease or includes a lease if a party assigns the right to control the use of one or more identified assets for a certain period of time in exchange for consideration. To determine whether the contract relinquishes the right to control the use of the identified assets for a given period, the Company assesses whether the client under the contract is entitled to receive virtually all the economic benefits arising from the use of the identified assets during the use period and is entitled to dominate the use of the identified assets during the use period.

If the contract contains multiple separate leases at the same time, the company will divide the contract and make accounting treatment for each separate lease. If the contract contains both leasing and non-leasing parts, the company shall split the leasing and non-leasing parts for accounting treatment.

(2) The Company acts as the lessee

On the commencement date of the lease term, the Company shall recognize the right to use assets and liabilities of the lease. The recognition and measurement of right to use assets and lease liabilities are shown in "27. Right to use Assets" and "33. Lease liabilities".

2) Lease change

Lease change refers to the change of lease scope, lease consideration and lease term beyond the terms of the original contract, including the increase or termination of the right to use one or more leased assets, the extension or shortening of the lease term stipulated in the contract, etc. The effective date of the lease change means the date on which the parties agree on the lease change.

If the lease changes and the following conditions are met at the same time, the Company will treat the lease change as a separate lease for accounting: (1) The lease change expands the lease scope or the lease term by increasing the right to use one or more leased assets; (2) The increased consideration shall be equivalent to the amount of the individual price for the extended portion of the lease scope or the extended lease term adjusted for the circumstances of the contract.

If the change of lease is not accounted for as a separate lease, the Company shall, on the effective date of the change of lease, apportion the consideration of the contract after the change in accordance with relevant provisions of the lease standards and redefine the lease period after the change; The revised discount rate is used to discount the changed lease payment amount to re-measure the lease liabilities. When calculating the present value of the lease payment after the change, the Company shall use the lease embedded interest rate during the remaining lease period as the discount rate; If it is not possible to determine the leasehold interest rate for the remaining lease term, the Company shall use the lessee's incremental borrowing rate on the effective date of the lease change as the discount rate. With respect to the impact of the above adjustment of lease liabilities, the Company will make accounting treatment according to the following circumstances: (1) If the change of lease results in the reduction of the scope of lease or the shortening of lease

term, the lessee shall reduce the book value of the right to use assets and record the profits or losses related to partial or complete termination of lease into the current profit and loss. (2) If the lease liabilities are remeasured due to other lease changes, the lessee shall adjust the book value of the right to use assets accordingly.

### 3) Short-term leases and leases of low-value assets

For short-term leases with a lease term of no more than 12 months and low-value asset leases with a lower value when each leased asset is a new asset, the Company chooses not to recognize the right to use assets and lease liabilities. The Company will include the lease payments for short-term leases and leases of low-value assets into the cost of the relevant assets or current profits and losses during each period of the lease term in accordance with the straight-line method or other systematically reasonable method.

#### (3) Our company is the lessor

On the basis that this Contract is or includes a lease as assessed in (1), the Company, as the lessor, on the commencement date of the lease, divides the lease into a finance lease and an operating lease.

If a lease substantially transfers almost all of the risks and rewards associated with ownership of the leased asset, the lessor classifies the lease as a finance lease and any lease other than finance lease as an operating lease.

The Company generally classifies a lease as a finance lease if it has one or more of the following conditions: (1) At the end of the lease term, the ownership of the leased asset passes to the lessee; (2) The lessee has the option to purchase the leased asset, and the purchase price entered into is sufficiently low compared with the fair value of the leased asset at the time the option is expected to be exercised, so that it can be reasonably determined on the commencement date that the lessee will exercise the option; (3) Although the ownership of the asset is not transferred, the lease period accounts for most of the service life of the leased asset (no less than 75% of the service life of the leased asset); (4) On the lease commencement date, the present value of the lease receipts is almost equivalent to the fair value of the leased asset (not less than 90% of the fair value of the leased asset). ; ⑤ The leased assets are special in nature, and only the lessee can use them if there is no major transformation. The Company may also classify a lease as a finance lease if it has one or more of the following signs: (1) If the lessee cancels the lease, the lessee shall bear the

loss caused to the lessor by the cancellation; (2) the profit or loss generated by the fluctuation of the fair value of the residual asset belongs to the lessee; (3) The lessee has the ability to continue the lease at a rent far below the market level until the next period.

## 2) Accounting treatment of operating lease

### Disposal of rent

During each period of the lease term, the Company will use the straight-line method/other systematic and reasonable methods to recognize lease receipts from operating leases as rental income.

### Incentives offered

If the rent-free period is provided, the Company shall allocate the total rent by the straight line method/other reasonable method throughout the lease period without deducting the rent-free period, and shall recognize the rental income during the rent-free period. If the Company bears certain expenses of the Lessee, such expenses shall be deducted from the total rental income and distributed according to the balance of the rental income after deduction.

### Initial direct cost

The initial direct expenses incurred by the Company in connection with the operating lease shall be capitalized to the cost of the underlying assets under lease and shall be booked into the current profits and losses in stages during the lease term on the same recognition basis as the rental income.

### Depreciation

For the fixed assets in the operating leased assets, the Company shall adopt the depreciation policy for similar assets. Other operating leased assets shall be amortized in a systematic and reasonable manner.

### Variable lease payments

The variable lease payments obtained by the Company in connection with the operating lease and not included in the lease receipts shall be recorded into the current profit and loss when actually incurred.

### Changes in operating leases

If an operating lease changes, the Company will treat it as a new lease as of the effective date of the change, and the amount received in advance or receivable for the lease related to the lease before the change is regarded as the amount received for the new lease.

## (2) Accounting treatment of finance lease

### Initial measurement

On the commencement date of the lease term, the Company shall recognize the finance lease receivable and terminate the recognition of the finance lease assets. In the initial measurement of

the finance lease receivables, the Group shall take the net lease investment as the recorded value of the finance lease receivables.

The net lease investment is the sum of the present value of the unsecured residual value and the lease receipts not yet received at the commencement of the lease period, discounted at the interest rate contained in the lease. Lease revenue refers to the amount of money that the lessor should collect from the lessee for the assignment of the right to use the leased assets during the lease term, including: (1) the fixed amount and substantial fixed amount payable by the lessee; If there is a lease incentive, the amount related to the lease incentive will be deducted; (ii) variable lease payments dependent on indices or ratios, which are initially measured according to the indices or ratios on the commencement date of the lease; (3) the exercise price of the option to buy, provided that it is reasonably determined that the lessee will exercise the option; (4) the amount to be paid by the lessee to exercise the termination option, provided that the lease term reflects that the lessee will exercise the termination option; (5) Guarantee residual value provided to the lessor by the lessee, the party related to the lessee and an independent third party who has the economic ability to perform the guarantee obligation.

#### Subsequent measurement

The Company calculates and recognizes the interest income for each period of the lease term at a fixed periodic interest rate. The periodic interest rate, it is to point to determine the net investment in the lease use contains the discount rate (if relet, sublet's interest rate implicit in the lease cannot be determined, using the original leasing of the discount rate (adjustments according to the initial direct costs related to sublease)), or change in the financing lease is not as a separate lease accounting treatment, and meet if changes to take effect on the lease beginning date, The lease will be classified as a financial lease at the revised discount rate determined in accordance with the relevant provisions.

#### Accounting treatment of lease changes

If the finance lease changes and meets the following conditions at the same time, the Company will treat the change as a separate lease for accounting: (1) The change expands the scope of lease by increasing the right to use one or more leased assets; (2) The increased consideration shall be equivalent to the amount of the individual price of the expanded lease area adjusted for the circumstances of the contract.

If the change of financing lease is not as a single lease accounting treatment, and meet if changes to take effect on the lease beginning date, the lease will be classified as an operating lease terms, the group since the day of the effect of the change of it as a new lease accounting treatment, and prior to the effect of the change of the net investment in the lease as the book value of the leased asset.

### **37. Other significant accounting policies, accounting Estimates**

When preparing the financial statements, the management needs to use accounting estimate and assumption, which will have effect on the application of accounting policy and amount of asset,

liability, income and expense. The actual circumstance maybe differs from the estimates. The management needs to continuously assess the key assumption involved by estimate and the judgment on uncertainty. Effect on the accounting estimate shall be recognized during the period when estimate is changed and in future.

The following accounting estimate and key assumption will trigger the significant risk of significant adjustment on the book value of asset and liability during the period of future.

(1) Impairment of receivable

Receivable is measured at amortized cost at the balance sheet date and assessed for any impairment indicator and the acutely amount of impairment. Objective evidence for impairment includes judgmental data of indicating significant decline of future cash flow of individual or group of receivable, indicating significant negative financial performance of debtors. Had receivable is recovered with certain proof, and in fact, it is relevant to the the matters subsequent to the the loss recognition, the impairment recognized before shall be reversed.

(2) Provision of inventory impairment

Inventory is periodically evaluated at the net realizable value and any cost higher than NRV shall be recognized as inventory impairment loss. When evaluating the NRV, net realizable value is determined by deducting the expected selling expense and relative tax from the estimated selling price. When actual selling price or cost differs from the previous estimates, management will make adjustment on NRV. Therefore, the results based on the present experience may differ from the actual results, which caused the adjustment on the carrying amount of inventory in the book. Provision for inventory impairment may vary with the above reasons. Any adjustment on provision for inventory impairment will affect the income statement.

(3) Provision of goodwill impairment

Each year, goodwill shall be assessed for any impairment. Recoverable amount of assets group or asset portfolio including goodwill shall be the present value of future cash flow, which needs estimates for calculation.

If management adjust the gross profit margin adopted by the present value of future cash flow calculation of assets group or asset portfolio, adjusted gross profit margin is lower than the margin applied, the impairment is required.

If management adjust the discounting rate before tax applied by the present value of future cash flow calculation of assets group or asset portfolio, adjusted discounting rate before tax is higher than the rate applied, the impairment is required.

If actual profit margin or discounting rate before tax is higher or lower than management's estimate, any impairment recognized before can not be reversed.

(4) Provision of fixed asset impairment

At the balance sheet date, the management shall implement impairment test on buildings, plant

and machinery etc which has any impairment indicator. The recoverable amount of FA is the higher of PV of future cash flow and net value of fair value after disposal cost, the calculation needs accounting estimate.

If management adjust the gross profit margin adopted by the present value of future cash flow calculation of assets group or asset portfolio, adjusted gross profit margin is lower than the margin applied, the impairment is required.

If management adjust the discounting rate before tax applied by the present value of future cash flow calculation of assets group or asset portfolio, adjusted discounting rate before tax is higher than the rate applied, the impairment is required.

If actual profit margin or discounting rate before tax is higher or lower than management's estimate, any impairment recognized before can not be reversed.

(5) Recognition of deferred tax assets

Estimate on deferred tax assets needs making estimation of taxable income and applied tax rate in the following years in future. Whether deferred tax asset can be realized depends on the enough probable taxable profit obtained in future. Tax rate change in future and the timing of temporary difference reverse may also affect the income tax expense(income)and the balance of deferred tax. Any change of estimate described here will cause the deferred tax adjustment.

(6) Useful life span of fixed assets and intangible assets

At least every year end, the management shall review the useful life of FA and intangible assets. Expected useful life is based on the management's experience on the same class of assets, with reference to the estimate applied in the industry in conjunction with expected technology development. When previous estimate significantly changed, depreciation and amortization in the future shall be adjusted accordingly.

### **38. Changes in Accounting Policies, Accounting Estimates**

The Ministry of Finance issued the notice on the revision and issuance of the Accounting Standards for Business Enterprises No. 21 -- Lease on December 7, 2018 (No. 35 of the Department of Accounting and Accounting [2018]), which will be implemented from January 1, 2021. Within a certain period, the lessor assigns the right to use the assets to the lessee in order to obtain the contract of consideration. On the commencement date of the contract, the Company evaluates whether the contract is a lease or includes a lease. A contract is a lease or includes a lease if a party assigns the right to control the use of one or more identified assets for a certain period of time in exchange for consideration. To determine whether the contract relinquishes the right to control the use of the identified assets for a given period, the Company assesses whether the client under the contract is entitled to receive virtually all the economic benefits arising from the use of the identified assets during the use period and is entitled to dominate the use of the identified assets during the use period. For short-term leases with a lease term of no more than 12 months and low-value asset leases

with a lower value when each leased asset is a new asset, the Company chooses not to recognize the right to use assets and lease liabilities. The Company will include the lease payments for short-term leases and leases of low-value assets into the cost of the relevant assets or current profits and losses during each period of the lease term in accordance with the straight-line method or other systematically reasonable method. The impact of the implementation of the new leasing criteria on the relevant items of the balance sheet at the beginning of the current period is as follows:

## Consolidated balance sheet

Item	31-Dec-2020	1-Jan-2021	The amount of adjustment
Fixed assets	891,147,058.82	867,177,638.62	-23,969,420.20
Right of use assets		23,969,420.20	+23,969,420.20
Long-term payables	14,622,463.75		-14,622,463.75
Lease liabilities		14,622,463.75	+14,622,463.75

## Changes in accounting estimate

None

**VI. Taxation**

1. The main applicable tax and rate to the Group as follows:

Tax	Tax base	Tax rate
Value-added tax (VAT)	Sales revenue or Purchase	6%、9%、10%、13%、16%
City construction tax	Value-added tax payables	7%
Education surcharge	Value-added tax payables	3%
Local education surcharge	Value-added tax payables	2%
Enterprise income tax(EIT)	Current period taxable profit	15% or 25%
Real estate tax	70% of cost of own property or revenue from leasing property	1.2% or 12%
Land use tax	Land using right area	Fixed amount per square meter
Other tax		According to the relevant provisions of the state and local

Notes for tax entities with different EIT rate

Tax entities	EIT rate
Bingshan Refrigeration & Heat Transfer Technologies Co.,Ltd	15%
Dalian Bingshan Group Engineering Co., Ltd.	25%
Dalian Bingshan Group Sales Co., Ltd.	25%

Dalian Bingshan Air-conditioning Equipment Co., Ltd.	15%
Dalian Bingshan Guardian Automation Co., Ltd.	15%
Dalian Bingshan Ryosetsu Quick Freezing Equipment Co., Ltd.	25%
Wuhan New World Refrigeration Industrial Co., Ltd.	15%
Bingshan Technology Service (Dalian) Co.,Ltd.	15%
Dalian Bingshan Engineering&Trading Co.,Ltd	25%
Dalian Universe Thermal Technology Co., Ltd.	15%
Dalian New Meica Electronics Technology Co., Ltd	15%

## 2. Tax preference

The company obtained the qualification of high and new technology enterprises on 3rd December, 2020 approved by Dalian Science Technology Bureau, Dalian Finance Bureau, Dalian State Tax Bureau and Local tax Bureau. The Certificate No. is GR202021200646, and the validity duration is three years. According to the tax law, the company can be granted for the preferential tax policy of enterprise income tax rate of 15% in three years.

The company's subsidiary, Dalian Bingshan Air-conditioning Equipment Co., Ltd. obtained the qualification of high and new technology enterprises on 3rd December, 2020 approved by Dalian Science Technology Bureau, Dalian Finance Bureau, Dalian State Tax Bureau and Local tax Bureau. The Certificate No. is GR202021200672, and the validity duration is three years. According to the tax law, the company can be granted for the preferential tax policy of enterprise income tax rate of 15% in three years.

The company's subsidiary, Dalian Bingshan JiaDe Automation Co., Ltd. obtained the qualification of high and new technology enterprises on 16th November, 2018 approved by Dalian Science Technology Bureau, Dalian Finance Bureau, Dalian State Tax Bureau and Local tax Bureau. The Certificate No. is GR20181200562, and the validity duration is three years. According to the tax law, the company can be granted for the preferential tax policy of enterprise income tax rate of 15% in three years.

The company's subsidiary, Wuhan New World Refrigeration Industrial Co., Ltd obtained the qualification of high and new technology enterprises on 15th November, 2018 approved by Hubei Science Technology Bureau, Hubei Finance Bureau, Hubei State Tax Bureau and Hubei Local tax Bureau. The Certificate No. is GR201842000605, and the validity duration is three years. According to the tax law, the company can be granted for the preferential tax policy of enterprise income tax rate of 15% in three years.

The company's subsidiary, Bingshan Technical Service (Dalian) Co., Ltd. obtained the qualification of high and new technology enterprises on 3rd December, 2020 approved by Dalian Science Technology Bureau, Dalian Finance Bureau, Dalian State Tax Bureau and Local tax Bureau. The Certificate No. is GR202021200540, and the validity duration is three years. According to the tax law, the company can be granted for the preferential tax policy of enterprise income tax rate of 15% in three years.

The company's subsidiary, Dalian Niweisi LengNuan Techonoligy Co., Ltd. obtained the qualification of high and new technology enterprises on 3rd December, 2020 approved by Dalian Science Technology Bureau, Dalian Finance Bureau, Dalian State Tax Bureau and Local tax Bureau. The Certificate No. is GR202021200570, and the validity duration is three years. According to the tax law, the company can be granted for the preferential tax policy of enterprise income tax rate of 15% in three years.

The company's subsidiary, Dalian Xinminghua Electrical Technology Co., Ltd obtained the qualification of high and new technology enterprises on 3rd December, 2020 approved by Dalian Science Technology Bureau, Dalian Finance Bureau, Dalian State Tax Bureau and Local tax Bureau. The Certificate No. is GR202021200699, and the validity duration is three years. According to the tax law, the company can be granted for the preferential tax policy of enterprise income tax rate of 15% in three years.

## VII. Notes to Consolidated Financial Statements

The following disclosure date on this financial statement without special indication, "opening" refers to January 1, 2021; "closing" refers to June 30, 2021; "current period" refers to the period from January 1, 2021 to June 30, 2021; and "last period" refers to the period from January 1, 2020 to June 30, 2020; with the currency unit RMB.

### 1. Cash and cash in bank

Item	Closing Balance	Opening Balance
Cash on hand	46,859.50	154,668.54
Cash in bank	253,557,290.68	316,921,397.57
Other cash and cash equivalents	59,209,893.31	56,369,665.56
<b>Total</b>	<b>312,814,043.49</b>	<b>373,445,731.67</b>

Note: Other cash and cash equivalents is restricted, including deposit for bank acceptance notes of 47,176,283.06 Yuan, deposit to creditor of 6,240,408.57 Yuan, guarantee deposit of 1,000,000.00 Yuan,, The bank account was frozen 4,008,663.84 yuan due to the lawsuit, total of 58,425,355.47 Yuan.

### 2. Notes receivable

#### (1) Category of notes receivable

Items	Closing Balance	Opening Balance
Bank acceptance notes	149,782,112.94	109,424,884.35
Commercial acceptance notes	15,008,354.43	29,696,153.43
<b>Total</b>	<b>164,790,467.37</b>	<b>139,121,037.78</b>

#### Categories according to bad debts provision

Items	Closing Balance				Booking value
	Booking balance		Provision		
	Amount	%	Amount	%	

Items	Closing Balance				
	Booking balance		Provision		Booking value
	Amount	%	Amount	%	
Bad debts provision based on group	165,923,599.74	100.00%	1,133,132.37	0.68%	164,790,467.37
Including: bank acceptance notes	149,782,112.94	90.27%			149,782,112.94
Trade acceptance notes	16,141,486.80	9.73%	1,133,132.37	7.02%	15,008,354.43
<b>Total</b>	165,923,599.74	100.00%	1,133,132.37	0.68%	164,790,467.37

(Continued)

Items	Opening balance				
	Booking balance		Provision		Booking value
	Amount	%	Amount	%	
Bad debts provision based on group	141,363,100.56	100.00%	2,242,062.78	1.59%	139,121,037.78
Including: bank acceptance notes	109,424,884.35	77.41%			109,424,884.35
Trade acceptance notes	31,938,216.21	22.59%	2,242,062.78	7.02%	29,696,153.43
<b>Total</b>	141,363,100.56	100.00%	2,242,062.78	1.59%	139,121,037.78

(2) Provision for bad debts for the current period:

Category	Opening balance	Change during the year			Closing Balance
		Accrued	Collected/reversed	Written-off	
Trade acceptance notes	2,242,062.78		1,108,930.41		1,133,132.37
<b>Total</b>	2,242,062.78		1,108,930.41		1,133,132.37

(3) Notes receivable pledged by the company at the end of the period

Items	Closing pledged amount
Bank acceptance notes	21,890,716.83
<b>Total</b>	21,890,716.83

(4) Notes receivable endorsed or discounted but not mature at the end of year:

Item	Closing amount no more recognized	Closing amount still recognized
Bank acceptance notes		58,216,241.07
Trade acceptance notes		1,563,000.00

Item	Closing amount no more recognized	Closing amount still recognized
<b>Total</b>		59,779,241.07

## 3. Accounts receivable

## (1) Category of accounts receivable

Items	Closing Balance				Booking value
	Booking balance		Provision		
	Amount	%	Amount	%	
Accounts receivable with significant individual amount and separate bad debt provision	9,727,521.14	0.83%	219,197.46	2.25%	9,508,323.68
Accounts receivable with bad debt provision based on the group	1,156,631,348.02	99.17%	286,208,873.62	24.75%	870,422,474.40
Including: aging as characteristics of credit risk	1,156,631,348.02	99.17%	286,208,873.62	24.75%	870,422,474.40
<b>Total</b>	<b>1,166,358,869.16</b>	<b>100.00%</b>	<b>286,428,071.08</b>	<b>24.56%</b>	<b>879,930,798.08</b>

Items	Opening balance				Booking value
	Booking balance		Provision		
	Amount	%	Amount	%	
Accounts receivable with significant individual amount and separate bad debt provision	9,375,092.34	0.85%	262,313.88	2.80%	9,112,778.46
Accounts receivable with bad debt provision based on the group	1,089,352,275.04	99.15%	281,453,097.75	25.84%	807,899,177.29
Including: aging as	1,089,352,275.04	99.15%	281,453,097.75	25.84%	807,899,177.29

characteristics of credit risk					
<b>Total</b>	<b>1,098,727,367.38</b>	<b>100.00%</b>	<b>281,715,411.63</b>	<b>25.64%</b>	<b>817,011,955.75</b>

Accounts receivable with significant individual amount and separate bad debt provision:

Items	Closing Balance			
	Booking balance	Provision	%	Reasons for the provision
Changsha Runyi Urban and rural Development and Construction Co., LTD	90,000.00	328.85	0.37%	Both parties shall implement the agreement on time, and the expected credit risk will be significantly reduced
Wuhan BOE Optoelectronic Technology Co., LTD	4,539,400.70	88,878.28	1.96%	
Chengdu BOE Optoelectronic Technology Co., LTD	3,078,990.00	73,449.61	2.39%	
Mianyang BOE Optoelectronic Technology Co., LTD	1,403,517.44	34,752.40	2.48%	
Boe (Hebei) Mobile Display Technology Co., LTD	615,613.00	21,788.32	3.54%	
<b>Total</b>	<b>9,727,521.14</b>	<b>219,197.46</b>	<b>--</b>	<b>--</b>

Accounts receivable with bad debt provision based on the group:

Items	Closing Balance		
	Booking balance	Provision	%
within 1 year	578,546,182.15	40,613,971.51	7.02%
1-2 years	168,760,467.84	28,250,502.32	16.74%
2-3 years	141,873,656.22	43,739,648.22	30.83%
3-4 years	162,871,209.59	80,344,367.69	49.33%
4-5 years	40,644,338.77	29,324,890.43	72.15%
more than 5 years	63,935,474.09	63,935,474.09	100.00%
<b>Total</b>	<b>1,156,631,348.02</b>	<b>286,208,873.62</b>	<b>--</b>

Accounts receivable with the bad debt provisions under accounting aging analysis method

Aging	Closing Balance
Within 1 year	578,546,182.15
1 to 2 years	168,760,467.84
2 to 3 years	151,601,177.36
More than 3 years	267,451,041.81
3 to 4 years	162,871,209.59
4 to 5 years	40,644,338.77
More than 5 years	63,935,493.45
<b>Total</b>	<b>1,166,358,869.16</b>

2) Bad debt provision accrued and written-off (withdraw)

Category	Opening balance	Change during the period				Closing Balance
		Accrued	Collected/reversed	Written-off	Others	
Bad debt provision	281,715,411.63	14,796,226.65	276,589.05	6,794,738.07	3,565,418.18	286,428,071.08
<b>Total</b>	<b>281,715,411.63</b>	<b>14,796,226.65</b>	<b>276,589.05</b>	<b>6,794,738.07</b>	<b>3,565,418.18</b>	<b>286,428,071.08</b>

## 3) Accounts receivable written off in current period

Item	Written off amount
Receivable actually written off	6,794,738.07

## 4) The top five significant accounts receivable categorized by debtors

Company	Closing Balance	% of the total AR	Closing Balance of Provision
Panasonic Appliances Cold-Chain (Dalian) Co., Ltd.	44,027,208.91	2.94	3,090,710.07
Xinyi Yuanda construction and Installation Engineering Co., Ltd.	32,748,744.00	2.19	25,281,907.38
Qingcheng County Zhongyi Energy Co., LTD	26,600,000.00	1.78	4,452,840.00
Shenzhen Zhaofude Tourism development	21,028,740.12	1.41	10,187,313.50
Guangzhou Wanda Cultural Tourism City Investment Co. LTD	17,050,390.97	1.14	8,410,957.87
<b>Total</b>	141,455,084.00	9.46%	--

## 4. Receivables financing

Items	Closing Balance	Opening Balance
Notes receivable	67,877,483.26	61,737,282.56
<b>Total</b>	67,877,483.26	61,737,282.56

## 5. Accounts paid in advance

## (1) Aging of accounts paid in advance

Items	Closing Balance		Opening Balance	
	Amount	Percentage	Amount	Percentage
Within 1 year	194,928,034.98	77.34%	111,133,100.83	71.93%
1 to 2 years	16,242,227.23	6.44%	24,880,404.77	16.11%
2 to 3 years	28,109,526.05	11.15%	9,313,439.77	6.03%
Over 3 years	12,755,788.93	5.06%	9,154,563.98	5.93%
<b>Total</b>	<b>252,035,577.19</b>		<b>154,481,509.35</b>	

## Significant prepayment over 1 year

Company	Closing Balance	Aging	Unsettled Reasons
Dalian Hengtong Refrigeration Engineering Co., Ltd	5,720,000.00	1-2 years 2-3 years	Contract is not fully implemented
Shanghai POMA Automation Equipment Co., Ltd	4,272,900.00	4-5 years	Contract is not fully implemented
Dalian Jingdian Steel Work Co., Ltd	3,965,236.72	Within 1 year 1-2 years 2-3 years	Contract is not fully implemented
Yunnan Xinneng Technology Co., Ltd	2,554,677.66	1-2 years 2-3 years 3-4	Contract is not fully implemented

		years	
Anhui Songze Energy Co., LTD	2,080,000.00	1-2 years	Contract is not fully implemented
<b>Total</b>	<b>18,592,814.38</b>	—	—

(2) The top five significant accounts paid in advance categorized by debtors

Company	Closing Balance	Aging	% of the total advances to suppliers
Dalian Shentong Electric Co., LTD	23,847,653.84	Within 1 year	9.46
Shenyang Baosteel Northeast Trading Co. LTD	13,339,547.30	Within 1 year	5.29
Heilongjiang Dadong Hei Tudi Agriculture Co. LTD	7,620,000.00	Within 1 year	3.02
DalianHeng Tong refrigeration Equipment Engineering Co. LTD.	5,720,000.00	1-2 years; 2-3 years	2.27
Hangzhou Zhonghong New Energy Technology Co., LTD	5,703,000.00	Within 1 year	2.26
<b>Total</b>	<b>59,430,201.14</b>		<b>22.31</b>

6. Other receivables

Items	Closing Balance	Opening Balance
Interest receivable	681,304.44	46,879.68
Dividend receivable	8,456,762.03	25,923.75
Other receivable	29,266,599.20	67,454,373.43
<b>Total</b>	<b>38,404,665.67</b>	<b>67,527,176.86</b>

(1) Interest receivable

Items	Closing Balance	Opening Balance
Interest on Term deposits	681,304.44	46,879.68
<b>Total</b>	<b>681,304.44</b>	<b>46,879.68</b>

(2). Dividends receivable

Company	Closing Balance	Opening Balance
Wuhan Steel and Electricity Co., Ltd.	25,923.75	25,923.75
Panasonic Refrigeration (Dalian) Co., Ltd.	640,000.00	
Guotai Junan Securities Co., Ltd.	7,229,604.48	
Dalian Benzhuang Chemical Co., LTD	561,233.80	
<b>Total</b>	<b>8,456,762.03</b>	<b>25,923.75</b>

(3). Other receivables

1) Other receivables categorized by nature

Nature	Closing Balance	Opening Balance
Guarantee deposits	23,899,345.45	26,232,362.26

Nature	Closing Balance	Opening Balance
Petty cash	8,579,158.19	5,325,764.44
Receivables and Payables	3,841,762.27	47,714,138.78
Others	3,897,351.30	1,619,770.46
<b>Total</b>	<b>40,217,617.21</b>	<b>80,892,035.94</b>

2) Provision for bad debts

Provision for bad debts	The first phase	The second phase	The third phase	Total
	Expected credit losses in the next 12 months	Expected Credit Loss for the duration (No Credit Devaluation)	Expected Credit Loss for the duration (Credit impairment has occurred)	
Balance on January 1, 2021	13,437,662.51			13,437,662.51
The balance of January 1, 2021 in the current period	—	—	—	—
Provision for bad debts	2,435,152.34			2,435,152.34
Balance on June 30, 2021	11,002,510.17			11,002,510.17

Other receivables accrued the bad debt provisions under accounting aging analysis method

Aging	Closing Balance
Within 1 year	21,757,036.61
1-2 years	4,198,274.97
2-3 years	4,621,545.82
Over 3 years	9,640,759.81
3-4 years	2,301,017.10
4-5 years	3,111,136.00
Over 5 years	4,228,606.71
<b>Total</b>	<b>40,217,617.21</b>

3) Provision for bad debt

Category	Opening balance	Change during the year			Closing Balance
		Accrued	Collected/reversed	Written-off	
Bad debt provision	13,437,662.51		2,435,152.34		11,002,510.17
<b>Total</b>	13,437,662.51		2,435,152.34		11,002,510.17

4) Other receivables from the top 5 debtors

Name	Category	Closing Balance	Aging	% of the total OR	Closing Balance of Provision
Dalian Huali Coating Equipment Co., Ltd	Deposit	1,650,000.00	4-5 yeas	4.10	1,170,015.00
Akto Animal Husbandry and Veterinary Office	Deposit	1,482,608.60	Within 1 year	3.69	1,385,646.00
Agriculture Bureau of Moyu County	Deposit	1,135,440.00	1-2 years	2.82	145,449.86
Panasonic Refrigerating System	Deposit	1,121,009.34	Within 1 year	2.79	73,314.01
Dalian Delta HK& China Gas Co.,Ltd	Deposit	1,100,000.00	Over 5 years	2.74	1,100,000.00

Name	Category	Closing Balance	Aging	% of the total OR	Closing Balance of Provision
Dalian Huali Coating Equipment Co., Ltd	Deposit	1,650,000.00	4-5 yeas	4.10	1,170,015.00
Akto Animal Husbandry and Veterinary Office	Deposit	1,482,608.60	Within 1 year	3.69	1,385,646.00
Agriculture Bureau of Moyu County	Deposit	1,135,440.00	1-2 years	2.82	145,449.86
Panasonic Refrigerating System	Deposit	1,121,009.34	Within 1 year	2.79	73,314.01
Dalian Delta HK& China Gas Co.,Ltd	Deposit	1,100,000.00	Over 5 years	2.74	1,100,000.00
<b>Total</b>		6,489,057.94			3,874,424.87

7. Inventories

(1) Categories of inventories

Item	Closing Balance		
	Book value	Provision for decline	Net book value
Raw materials	140,197,852.41	1,064,716.71	139,133,135.70
Working in progress	171,969,418.12	1,929,842.21	170,039,575.91
Finished goods	268,053,054.43	2,528,193.70	265,524,860.73
Contract performance cost	238,205,853.06		238,205,853.06
goods shipped in transit			
A house acquired as payment for a debt	20,206,542.00	5,203,103.50	15,003,438.50
Low-value consumable	220,801.08		220,801.08
Self-manufactured semi-finished products	29,124,301.61		29,124,301.61
Materials on consignment for further processing	294,838.92		294,838.92
<b>Total</b>	868,272,661.63	10,725,856.12	857,546,805.51

(Continue)

Item	Opening Balance		
	Book value	Provision for decline	Net book value
Raw materials	103,332,663.42	1,064,716.71	102,267,946.71
Working in progress	117,243,035.94	1,929,842.21	115,313,193.73
Finished goods	244,721,287.34	2,528,193.70	242,193,093.64
Contract performance cost	193,840,972.71		193,840,972.71
goods shipped in transit	33,573,632.23		33,573,632.23
House acquired as payment for a debt	20,206,542.00	5,203,103.50	15,003,438.50
Low-value consumable	171,759.42		171,759.42
Self-manufactured semi-finished products	28,814,287.69		28,814,287.69

Item	Opening Balance		
	Book value	Provision for decline	Net book value
Materials on consignment for further processing	480,473.35		480,473.35
<b>Total</b>	742,384,654.10	10,725,856.12	731,658,797.98

(2) Provision for decline in the value of inventories

Item	Opening Balance	Increase		Decrease		Closing Balance
		Accrual	Other	Reverse/ Written-off	Others transferred	
Raw materials	1,064,716.71					1,064,716.71
Working in progress	1,929,842.21					1,929,842.21
Finished goods	2,528,193.70					2,528,193.70
House acquired as payment for a debt	5,203,103.50					5,203,103.50
<b>Total</b>	10,725,856.12					10,725,856.12

(3) Accrual for provision for decline in the value of inventories

Item	Basis for net realizable value recognition	Reasons for reverse/write-off
Raw materials	Lower of cost and NRV	
Finished goods	Lower of cost and NRV	
Contract performance cost	Lower of cost and NRV	

8. Contract assets

Item	Closing Balance			Opening Balance		
	Book value	Provision for decline	Net book value	Book value	Provision for decline	Net book value
Unexpired warranty money	106,880,308.92	13,752,298.22	93,128,010.70	104,165,706.10	12,735,694.50	91,430,011.60
<b>Total</b>	106,880,308.92	13,752,298.22	93,128,010.70	104,165,706.10	12,735,694.50	91,430,011.60

The amount and reasons for significant changes in the book value of the contract assets during the current period:

Item	Changes in the amount	reason
Quality retention money	2,714,602.82	Completion of contract performance obligations
<b>Total</b>	2,714,602.82	--

Provision for bad debt

Item	Accrued	Collected/reversed	Written-off	reason
Unexpired warranty money	1,016,603.72			
<b>Total</b>	1,016,603.72			--

9. Non-current assets maturing within one year

Item	Closing Balance	Opening Balance
Long-term receivables due within one year	38,952,641.30	42,003,576.60
<b>Total</b>	<b>38,952,641.30</b>	<b>42,003,576.60</b>

## 10. Other current assets

Item	Closing Balance	Opening Balance
Prepaid income tax presented at net amount after offsetting	138,536.54	390,518.40
VAT to be deducted	15,676,930.73	22,375,761.22
Prepaid turnover tax		1,876.94
Prepaid expenses	402,154.59	445,934.88
<b>Total</b>	<b>16,217,621.86</b>	<b>23,214,091.44</b>

## 11. Long term receivable

## (1) Details

Item	Closing Balance		
	Carrying amount	Provision	Book value
Lease premium			
---Unrealized financing income			
Goods sold by installments	71,728,641.00	5,882,231.91	65,846,409.09
---Unrealized financing income			
Services rendered by installments			
<b>Total</b>	<b>71,728,641.00</b>	<b>5,882,231.91</b>	<b>65,846,409.09</b>

Item	Opening Balance		
	Carrying amount	Provision	Book value
Lease premium			
---Unrealized financing income			
Goods sold by installments	71,750,205.16	5,882,231.91	65,867,973.25
---Unrealized financing income	4,129,869.98		
Services rendered by installments			
<b>Total</b>	<b>71,750,205.16</b>	<b>5,882,231.91</b>	<b>65,867,973.25</b>

## (2) Provision for bad debt

bad debt provision	1 <sup>st</sup> stage	2 <sup>nd</sup> stage	3 <sup>rd</sup> stage	Total
	Expected credit loss within 12 months	Expected credit loss within the whole period (no impairment)	Expected credit loss within the whole period (impairment incurred)	
Opening balance	—	—	—	—
Opening balance during	5,882,231.91			5,882,231.91

bad debt provision	1 <sup>st</sup> stage	2 <sup>nd</sup> stage	3 <sup>rd</sup> stage	Total
	Expected credit loss within 12 months	Expected credit loss within the whole period (no impairment)	Expected credit loss within the whole period (impairment incurred)	
the year				
--transfer to the 2 <sup>nd</sup> stage				
--transfer to the 3 <sup>rd</sup> stage				
--reverse to the 2 <sup>nd</sup> stage				
---reverse to the 1 <sup>st</sup> stage				
Accrued				
Reverse				
Cancelation				
Written off				
Other movement				
Closing balance	5,882,231.91			5,882,231.91

## 12. Long-term equity investments

Investee	Beginning balance	Increase/Decrease								Ending balance	Provision for impairment
		Increased	Decreased	Gains and losses recognized under the equity method	Adjustment of other comprehensive income	Change of other equity	Cash bonus or profits announced to issue	Provision for impairment of the current period	Others		
Panasonic Appliances Refrigerating System (Dalian) Co., Ltd.	172,549,678.96			-14,304,960.25			1,280,000.00			156,964,718.71	
Panasonic Appliances Cold-Chain (Dalian) Co., Ltd.	274,533,413.30			661,139.89			2,797,849.22			272,396,703.97	
Panasonic Appliances Compressor (Dalian) Co., Ltd.	465,818,897.98			22,044,812.17			32,773,200.00			455,090,510.15	
Dalian Honjo Chemical Co., Ltd.	8,746,197.03			355,303.63			561,233.80			8,540,266.86	
Songzhi Ocean Thermal Technology (Dalian) Co., Ltd.	55,934,955.38			3,041,137.66						58,976,093.04	
Beijing Huashang Bingshan Refrigeration and Air-conditioning Machinery Co., Ltd.	2,121,951.69			-37,039.35						2,084,912.34	
Dalian Fuji Bingshan Vending Machine Co., Ltd.	184,454,138.22			-9,141,058.73						175,313,079.49	
MHI Bingshan Refrigeration (Dalian) Co., Ltd.	14,891,119.67			1,697,477.05						16,588,596.72	
Dalian Fuji Bingshan Vending Machine Sales Co., Ltd.	43,546.35			-43,520.00						26.35	
Jiangsu JingXue Insulation Technology Co., Ltd.	203,208,828.97			3,558,478.80		-16,123,970.29				190,643,337.48	
Panasonic Appliances Refrigerating System (Dalian) Co., Ltd.	37,420,055.26			1,840,988.29			3,895,484.27			35,365,559.28	
Dalian Bingshan Metal Technology Co., Ltd.	173,158,546.15			11,535,446.10						184,693,992.25	
Dalian Bingshan Group Huahuida Finance Leasing Co. LTD		45,400,000.00		948,973.33						46,348,973.33	

Investee	Beginning balance	Increase/Decrease								Ending balance	Provision for impairment
		Increased	Decreased	Gains and losses recognized under the equity method	Adjustment of other comprehensive income	Change of other equity	Cash bonus or profits announced to issue	Provision for impairment of the current period	Others		
Wuhan Sikafu Power Control Equipment Co., Ltd	4,360,034.66			-1,071,427.20						3,288,607.46	
<b>Total</b>	1,597,241,363.62	45,400,000.00		21,085,751.39		-16,123,970.29	41,307,767.29			1,606,295,377.43	

## 13. Other non-current financial assets

Item	Closing Balance	Opening Balance
Measured as fair value method	234,169,195.71	239,304,098.83
Measured as cost method		
<b>Total</b>	234,169,195.71	239,304,098.83

## 14. Investment property

Item	Property & Building	Land-use-rights	Total
<b>I. Initial Cost</b>			
1. Opening Balance	232,232,862.29	26,094,438.38	258,327,300.67
2. Increase			
(1) Outsourcing			
(2) Transferred from Construction in progress			
3. Decrease	1,638,372.22		1,638,372.22
(1) Disposal	1,638,372.22		1,638,372.22
(2) Transferred to other			
4. Closing Balance	230,594,490.07	26,094,438.38	256,688,928.45
<b>II. Accumulated Depreciation</b>			
1. Opening Balance	120,254,007.46	11,784,815.29	132,038,822.75
2. Increase	2,743,004.26	260,944.38	3,003,948.64
(1) Provision or amortization	2,743,004.26	260,944.38	3,003,948.64
(2) Transferred from Construction in progress			
3. Decrease	1,589,221.06		1,589,221.06
(1) Disposal	1,589,221.06		1,589,221.06
(2) Transferred to other			
4. Closing Balance	121,407,790.66	12,045,759.67	133,453,550.33
<b>III. Impairment Reserve</b>			
1. Opening Balance			
2. Increase			
(1) Provision or amortization			
3. Decrease			
(1) Disposal			
(2) Transferred to other			
4. Closing Balance			
<b>IV. Book Value</b>			
<b>1. Closing book value</b>	109,186,699.41	14,048,678.71	123,235,378.12
<b>2. Opening book value</b>	111,978,854.83	14,309,623.09	126,288,477.92

## 15. Fixed assets

Items	Closing Book Value	Opening Book Value
Fixed asset	842,597,806.71	867,177,638.62
Fixed asset clearance		
<b>Total</b>	<b>842,597,806.71</b>	<b>867,177,638.62</b>

## (1) Fixed assets detail

Item	Property & buildings	Machinery Equipment	Transportation Equipment	Other Equipment	Total
<b>I. Initial Cost</b>					
1. Opening Balance	681,216,088.70	598,100,796.53	13,856,528.42	68,106,145.62	1,361,279,559.27
2. Increase	2,293,858.32	5,654,999.28	681,505.29	159,141.49	8,789,504.38
(1) Purchase	2,293,858.32	5,654,999.28	681,505.29	159,141.49	8,789,504.38
(2) Transferred from construction-in-progress					
(3) Acquired from business combination					
3. Decrease		11,444,480.88	321,260.00	2,242,900.34	14,008,641.22
(1) Disposal		11,444,480.88	321,260.00	2,242,900.34	14,008,641.22
(2) Transferred to other					
4. Closing Balance	683,509,947.02	592,311,314.93	14,216,773.71	66,022,386.77	1,356,060,422.43
<b>II. Accumulated Depreciation</b>					
1. Opening Balance	112,737,387.24	319,158,435.03	9,550,618.82	52,138,160.06	493,584,601.15
2. Increase	10,046,913.70	21,317,845.53	398,503.61	2,615,656.60	34,378,919.44
(1) Accrued	10,046,913.70	21,317,845.53	398,503.61	2,615,656.60	34,378,919.44
(2) Acquired from business combination					
3. Decrease		12,510,158.90	294,046.48	2,148,918.89	14,953,124.27
(1) Disposal		12,510,158.90	294,046.48	2,148,918.89	14,953,124.27
(2) Transferred to other					
4. Closing Balance	122,784,300.94	327,966,121.66	9,655,075.95	52,604,897.77	513,010,396.32
<b>III. Impairment</b>					

Item	Property & buildings	Machinery Equipment	Transportation Equipment	Other Equipment	Total
<b>Reserve</b>					
1. Opening Balance		517,319.50			517,319.50
2. Increase					
(1) Accrued					
3. Decrease					
(1) Disposal		65,100.10			65,100.10
4. Closing Balance		452,219.40			452,219.40
<b>IV. Book Value</b>					
<b>1. Closing book value</b>	560,725,646.06	263,892,973.87	4,561,697.76	13,417,489.00	842,597,806.71
<b>2. Opening book value</b>	568,478,701.46	278,425,042.00	4,305,909.60	15,967,985.56	867,177,638.62

## 16. Construction-in-progress

Item	Closing book value	Opening book value
Construction-in-progress	39,010,357.07	34,254,599.42
Construction materials		
<b>Total</b>	<b>39,010,357.07</b>	<b>34,254,599.42</b>

## (1) Construction in progress details

Item	Closing Balance			Opening Balance		
	Book Balance	Provision	Book Value	Book Balance	Provision	Book Value
Buildings reconstruction	8,278,796.16		8,278,796.16	3,628,913.65		3,628,913.65
Improvement of machinery	4,123,818.02		4,123,818.02	3,724,069.06		3,724,069.06
Construction of intelligent software	1,406,695.44		1,406,695.44	1,843,202.03		1,843,202.03
Technical renovation project of pressure energy in natural gas pipeline network	16,036,382.26		16,036,382.26	15,893,749.49		15,893,749.49
Financing lease item	9,164,665.19		9,164,665.19	9,164,665.19		9,164,665.19
<b>Total</b>	<b>39,010,357.07</b>		<b>39,010,357.07</b>	<b>34,254,599.42</b>		<b>34,254,599.42</b>

## (2) Change in the significant construction in progress

Name	Opening Balance	Increase	Decrease	Closing
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			Transfer to fixed assets	Other decrease	Balance
Buildings reconstruction	3,628,913.65	4,649,882.51			8,278,796.16
Improvement of machinery	3,724,069.06	917,269.38	517,520.42		4,123,818.02
Construction of intelligent software	1,843,202.03			436,506.59	1,406,695.44
Technical renovation project of pressure energy in natural gas pipeline network	15,893,749.49	142,632.77			16,036,382.26
Financing lease item	9,164,665.19				9,164,665.19
<b>Total</b>	<b>34,254,599.42</b>	<b>5,709,784.66</b>	<b>517,520.42</b>	<b>436,506.59</b>	<b>39,010,357.07</b>

(Continued)

Name	Budget	Percent of investment against budget	Progress of construction	Accumulated capitalized interest	Including: Accumulated capitalized interest of the year	Interest capitalization rate(%)	Source of funds
Buildings reconstruction	10,100,000.00	81.97%	81.97%				Self financing
Improvement of machinery	4,700,000.00	87.79%	87.79%				Self financing
Construction of intelligent software	3,690,750.00	49.94%	49.94%				Self financing
Technical renovation project of pressure energy in natural gas pipeline network	19,614,500.00	81.76%	81.76%				Self financing
Financing lease item	15,020,000.00	61.02%	61.02%	837,440.00	146,555.64		Self financing
<b>Total</b>	<b>53,125,250.00</b>	<b>81.97%</b>	<b>81.97%</b>	<b>837,440.00</b>	<b>146,555.64</b>		<b>—</b>

## 17. Right of use assets

Name	Machinery Equipment	Total
1. Opening Balance	29,156,745.84	29,156,745.84
3. Decrease	65,311.89	65,311.89
(1) Transferred to other	65,311.89	65,311.89
4. Closing Balance	29,091,433.95	29,091,433.95
1. Opening Balance	5,187,325.64	5,187,325.64
2. Increase	1,473,155.41	1,473,155.41
(1) Accrued	1,473,155.41	1,473,155.41
4. Closing Balance	6,660,481.05	6,660,481.05
1. Closing book value	22,430,952.90	22,430,952.90
2. Opening book value	23,969,420.20	23,969,420.20

## 18. Intangible assets

## (1) Intangible assets list

Item	Land use right	Patent technology	Non Patent technology	Others	Total
<b>I. Initial Cost</b>					
1. Opening Balance	151,187,271.54	18,219,985.58	5,000,000.00	30,035,315.89	204,442,573.01
2. Increase				1,776,527.23	1,776,527.23
(1) Purchase				1,776,527.23	1,776,527.23
(2) Acquired from business combination					
(3) Transferred from construction-in-progress					
3. Decrease				765,564.10	765,564.10
(1) Disposal				765,564.10	765,564.10
4. Closing Balance	151,187,271.54	18,219,985.58	5,000,000.00	31,046,279.02	205,453,536.14
<b>II. Accumulated amortisation</b>					
1. Opening Balance	37,721,432.33	6,038,799.65	2,500,004.00	12,739,615.79	58,999,851.77
2. Increase	1,540,404.37	800,474.10	250,002.00	765,522.45	3,356,402.92
(1) Accrued	1,540,404.37	800,474.10	250,002.00	765,522.45	3,356,402.92
3. Decrease				764,914.10	764,914.10
(1) Disposal				764,914.10	764,914.10
4. Closing Balance	39,261,836.70	6,839,273.75	2,750,006.00	12,740,224.14	61,591,340.59
<b>III. Impairment Reserve</b>					
1. Opening Balance					
2. Increase					
(1) Accrued					
3. Decrease					
(1) Disposal					
4. Closing Balance					
<b>IV. Book Value</b>					
<b>1. Closing book value</b>	111,925,434.84	11,380,711.83	2,249,994.00	18,306,054.88	143,862,195.55
<b>2. Opening book value</b>	114,975,297.19	11,591,389.17	2,499,996.00	16,376,038.88	145,442,721.24

## 19. Goodwill

## (1) Original cost of goodwill

Name	Opening Balance	Increased during current year	Decreased during current year	Closing Balance
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		Enterprise s merger increase	Other	Disposal	Other	
Dalian Universe Thermal Technology Co., Ltd.	1,440,347.92					1,440,347.92
Dalian Bingshan Group Engineering Co., Ltd.	310,451.57					310,451.57
<b>Total</b>	<b>1,750,799.49</b>					<b>1,750,799.49</b>

## (2) Goodwill impairment provision

In the year 2015, the book value of equity investment of Dalian Niweisi LengNuan Technology Co., Ltd exceeds the fair value of the proportion of the acquired company's identifiable net asset. The difference between the book value of equity investment of 48, 287,589.78 Yuan and the identifiable net asset's fair value of Dalian Sanyo High-efficient Refrigeration System Co., Ltd of 46,847,241.86 Yuan on the acquisition date of July 31st 2015 is recognized as goodwill of 1,440,347.92 Yuan on the group consolidated financial report at the end of the year.

In the year 2016, Dalian Bingshan Group Construction Co., Ltd purchases shares of Dalian Bingshan Baoan Leisure Industry Co., Ltd and gains control. The transferred price is based on the net asset of Dalian BingshanBaoan Leisure Industry Co., Ltd on June 30<sup>th</sup>, 2016. Negotiated with Dalian Bingshan Baoan Leisure Industry Co., Ltd's shareholder Baoan Water Project (China) Limited Company, the transfer price is the combination cost on the purchasing date which is 5,359,548.42 Yuan, the fair value of proportion of Dalian BingshanBaoan Leisure Industry Company's identifiable net asset is 5,049,096.85 Yuan on the purchasing day, therefore, goodwill is 310,451.57Yuan on the purchasing date. Dalian Bingshan Group Construction Co., Ltd absorbed Dalian Bingshan Baoan Leisure Industry Co., Ltd in 2019.

The book value of goodwill from business combination of Dalian Niweisi LengNuan Technology Co., Ltd and Dalian Bingshan Group Engineering Co., Ltd which are not under same control shall be allocated into the relevant asset group using the reasonable method since acquisition date and taken impairment test on relevant asset group where the goodwill is included. The obvious impairment indication of the goodwill hasn't been found. Thus no goodwill impairment provision has been made.

## 20. Long-term unamortized expense

Item	Opening Balance	Increase	Amortization	Other Decrease	Closing Balance
Employee's dormitory use right	1,873,692.06		69,517.83		1,804,174.23
Renovation and rebuilding	746,997.14		22,522.50		724,474.64
Lease	425,160.00		53,145.00		372,015.00
Membership fee for Golf	423,500.00		8,250.00		415,250.00
Technology entrance fee of cold and heat machinery	466,781.25		186,712.50		280,068.75
Greenland of new factory	5,724,407.62		446,057.76		5,278,349.86
<b>Total</b>	<b>9,660,538.07</b>		<b>786,205.59</b>		<b>8,874,332.48</b>

## 21. Deferred tax assets and deferred tax liabilities

## (1) Deferred tax assets without offsetting

Item	Closing Balance		Opening Balance	
	Deductible temporary difference	Deferred tax assets	Deductible temporary difference	Deferred tax assets
Provision for impairment of assets	24,416,367.17	4,326,008.37	23,719,518.02	4,011,984.07
Unrealized profit from internal transaction	14,077,263.75	2,111,589.56	14,077,263.75	2,111,589.56
Deductible loss	3,581,714.08	895,428.52	3,581,714.09	895,428.52
Estimated debts			7,171,726.51	1,792,931.63
Provision for credit impairment	300,363,081.60	60,791,872.32	298,515,515.22	60,167,592.33
<b>Total</b>	<b>342,438,426.60</b>	<b>68,124,898.77</b>	<b>347,065,737.59</b>	<b>68,979,526.11</b>

## (2) Deferred tax liabilities without offsetting

Item	Closing Balance		Opening Balance	
	Taxable temporary difference	Deferred tax liabilities	Taxable temporary difference	Deferred tax liabilities
Changes in the fair value of other non-current financial assets	208,367,529.13	31,255,129.37	213,402,432.24	32,010,364.83
<b>Total</b>	<b>208,367,529.13</b>	<b>31,255,129.37</b>	<b>213,402,432.24</b>	<b>32,010,364.83</b>

## (3) Deferred income tax assets or liabilities shown net of offset

Item	Deferred tax assets and liabilities at the end of the balance	The ending balance of a deferred tax asset or liability after offset	The amount of deferred tax assets and liabilities offset at the beginning of the period	The beginning balance of a deferred tax asset or liability after offset
Deferred tax assets		68,124,898.77		68,979,526.11
Deferred tax liabilities		31,255,129.37		32,010,364.83

## (4) Unrecognized deferred tax assets details

Item	Closing Balance	Opening Balance
Deductible temporary difference	7,106,167.83	3,738,153.26
Deductible loss	111,303,027.15	107,036,874.97
<b>Total</b>	<b>118,409,194.98</b>	<b>110,775,028.23</b>

## (5) Unrecognized deductible loss of deferred tax assets expired years

Year	Closing Balance	Opening Balance	Notes
2021			
2022	716,158.09	716,158.09	
2023	13,581,030.35	16,458,262.38	
2024	58,227,822.87	62,405,136.73	

Year	Closing Balance	Opening Balance	Notes
2025	16,642,886.37	27,457,317.77	
2026	22,135,129.47		
<b>Total</b>	111,303,027.15	107,036,874.97	

## 22. Short-term loan

## (1) Category of short term loan

Loan category	Closing Balance	Opening Balance
Mortgage loan	12,530,000.00	6,960,000.00
Credit loan	227,000,000.00	276,011,600.00
<b>Total</b>	239,530,000.00	282,971,600.00

## 23. Notes payable

Notes category	Closing Balance	Opening Balance
Commercial acceptance notes	4,480,825.00	2,078,041.90
Bank acceptance notes	308,984,870.40	293,073,330.48
<b>Total</b>	313,465,695.40	295,151,372.38

## 24. Accounts payable

## (1) Accounts payable

Item	Closing Balance	Opening Balance
Material payments	668,265,369.08	459,748,015.17
Project payments	212,918,071.12	227,092,621.70
Equipment payments	67,075,483.91	76,820,952.59
Others	14,031,381.27	3,605,642.97
<b>Total</b>	962,290,305.38	767,267,232.43

## (2) Accounts payable with age over 1 year

Name of company	Closing Balance	Reason of unpaid or not carried forward
Panasonic Refrigerating System (Dalian) Co., Ltd.	13,074,637.70	Project is uncompleted contract is not finished
Wuhan United Liben Energy Technology Co., LTD	7,566,320.00	Project is uncompleted contract is not finished
Heilongjiang Longleng Technology Co., Ltd	5,727,520.00	Project is uncompleted contract is not finished
Lixingkai (Beijing) Energy System Technology Co.,Ltd	5,097,305.82	Project is uncompleted contract is not finished
Haoting Nengtou(Beijing) Assets management Co.,Ltd	4,878,499.00	Project is uncompleted contract is not finished
<b>Total</b>	36,344,282.52	

## 25. Contract Liabilities

Item	Closing Balance	Opening Balance
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Item	Closing Balance	Opening Balance
Received in advance due from unrealized revenue	369,202,216.43	295,100,657.10
<b>Total</b>	<b>369,202,216.43</b>	<b>295,100,657.10</b>
Significant change on the book value		
Item	Change amount	Change reason
Advance payment	74,101,559.33	According to the contract, received the payment from the client in advance
<b>Total</b>	<b>74,101,559.33</b>	

## 26. Employee's payable

## (1) Category of employee's payable

Item	Opening Balance	Increase	Decrease	Closing Balance
Short-term employee's payable	31,125,808.94	143,198,474.08	163,891,380.86	10,432,902.16
Post-employment benefit –defined contribution plan		13,956,332.95	13,956,332.95	
Termination benefits		10,000.00	10,000.00	
<b>Total</b>	<b>31,125,808.94</b>	<b>157,164,807.03</b>	<b>177,857,713.81</b>	<b>10,432,902.16</b>

## (2) Short-term employee's payables

Item	Opening Balance	Increase	Decrease	Closing Balance
Salaries, bonus, allowance, and subsidy	26,526,326.00	112,997,581.71	132,588,948.10	6,934,959.61
Welfare	3,080,018.99	7,144,168.71	8,199,315.51	2,024,872.19
Social insurance	16,445.29	9,684,764.08	9,701,209.37	
Include: Medical insurance	14,860.20	7,466,885.15	7,481,745.35	
On-duty injury insurance		1,079,000.51	1,079,000.51	
Maternity insurance	1,585.09	1,025,367.39	1,025,367.39	
Housing funds		9,664,970.90	9,664,970.90	
Labor union and training expenses	1,503,018.66	2,232,000.37	2,261,948.67	1,473,070.36
Others		1,474,988.31	1,474,988.31	
<b>Total</b>	<b>31,125,808.94</b>	<b>143,198,474.08</b>	<b>163,891,380.86</b>	<b>10,432,902.16</b>

## (3) Defined contribution plan

<b>Item</b>	<b>Opening Balance</b>	<b>Increase</b>	<b>Decrease</b>	<b>Closing Balance</b>
Pension		13,495,124.66	13,495,124.66	
Unemployment insurance		461,208.29	461,208.29	
<b>Total</b>		13,956,332.95	13,956,332.95	

## 27. Tax payable

<b>Item</b>	<b>Closing Balance</b>	<b>Opening Balance</b>
Value-added tax	3,083,677.49	2,830,255.88
Enterprise income tax	977,933.24	3,114,706.06
Individual income tax	560,027.55	216,213.81
City maintenance and construction tax	152,847.30	238,887.83
Real estate tax	2,110,594.79	1,899,793.53
Land use tax	1,225,125.20	1,094,760.28
Stamp duty	184,721.60	151,410.38
Education surcharge	109,678.57	167,925.89
Green tax	244.77	240.59
<b>Total</b>	8,404,850.51	9,714,194.25

## 28. Other accounts payable

<b>Item</b>	<b>Closing Balance</b>	<b>Opening Balance</b>
Interest payable	1,481,750.50	1,839,166.81
Dividend payable	8,965,281.07	533,156.00
Other accounts payable	38,449,425.05	40,645,143.57
<b>Total</b>	48,896,456.62	43,017,466.38

## . (1) Interest payable

<b>Item</b>	<b>Closing Balance</b>	<b>Opening Balance</b>
Interest paid in installments Interest paid on long-term loans when the principal is repaid at maturity	1,160,000.06	1,703,750.01
Interest on corporate bond	321,750.44	135,416.80
<b>Total</b>	1,481,750.50	1,839,166.81

## (2). Dividend payable

<b>Item</b>	<b>Closing Balance</b>	<b>Opening Balance</b>
Ordinary share dividend	8,965,281.07	533,156.00
<b>Total</b>	8,965,281.07	533,156.00

## (3) Other accounts payable

Other payables categorized by payments nature

<b>Payments nature</b>	<b>Closing Balance</b>	<b>Opening Balance</b>
Loan from non-financial institutes		
Cash pledge and security deposit	17,414,381.19	8,518,729.05
Apply for reimbursement and unpaid	6,159,848.19	11,557,803.69
Funds about related parties	449,418.73	
Receipts under custody	1,856,331.86	6,191,124.03
Others	12,569,445.08	14,377,486.80
<b>Total</b>	<b>38,449,425.05</b>	<b>40,645,143.57</b>

## 29. Non-current liabilities due within one year

<b>Item</b>	<b>Closing Balance</b>	<b>Opening Balance</b>
Bond payable due within one year	25,000,034.00	25,000,034.00
Long-term accounts payable with one year	17,509,422.33	12,157,092.41
<b>Total</b>	<b>42,509,456.33</b>	<b>37,157,126.41</b>

## 30. Other current liabilities

<b>Item</b>	<b>Closing balance</b>	<b>Opening balance</b>
Notes payable endorsed not derecognized	120,152,124.49	121,572,682.35
Output Vat to be carried forward	51,609,503.37	30,601,263.95
<b>Total</b>	<b>171,761,627.86</b>	<b>152,173,946.30</b>

## 31. Long-term loan

## (1) Category of long-term loan

<b>Category</b>	<b>Closing Balance</b>	<b>Opening Balance</b>
Guarantee loan	150,000,000.00	160,000,000.00
<b>Total</b>	<b>150,000,000.00</b>	<b>160,000,000.00</b>

CDB development fund give support to the Company's intelligent and green equipment of cold chain and service industry base project and provide special fund to the Company's holding shareholder, Bingshan Group. The fund is 0.16 billion Yuan with 10year's expiration at 1.2% rate. Once the fund arrived, Bingshan Group gave it to the Company at the same rate of 1.2% in lump sum. The above fund needed to be warranted by the Company. The guarantee seems to be given for the holding shareholder, but it is for the Company itself in fact. The principal of 10 million yuan has been repaid in March 2021.

## 32. Lease liabilities

<b>Item</b>	<b>Closing Balance</b>	<b>Opening Balance</b>
Lease liabilities	10,971,589.76	14,622,463.75
<b>Total</b>	<b>10,971,589.76</b>	<b>14,622,463.75</b>

## 33. Long term accounts payable

Item	Closing Balance	Opening Balance
Long term accounts payable	8,682,041.09	
<b>Total</b>	8,682,041.09	

## (1) Category by nature

Item	Closing Balance	Opening Balance
Financial lease	8,682,041.09	
<b>Total</b>	8,682,041.09	

## 34. Estimated debts

Nature	Closing Balance	Opening Balance	Reason
Open litigation	420,512.50	7,592,239.01	
<b>Total</b>	420,512.50	7,592,239.01	

Shandong Meitian Energy Technology Co.,Ltd (hereinafter referred to as “Shandong Meitian”) sued Wuhan New World Refrigeration Engineering Co., Ltd.(hereinafter referred to as “WuLeng Engineering”), over a dispute on the technology service contract with the following claims: It ordered WuLeng Engineering to pay RMB 1,650,000.00 for service rendered, and RMB 100,000.00 for economic loss(in total RMB 1,750,000.00), Wuhan New World Refrigeration Industry Co., Ltd. (hereinafter referred to as " Wuxin Refrigeration ") shall jointly bear the liability for the above-mentioned arrears; The litigation costs shall be borne by Wuleng Engineering and Wuxin Refrigeration. Wuleng Engineering proposed counterclaim: it orders to terminate the "Project Cooperation Agreement"; Shandong Meitian returned the loan of RMB 350,000.00 and the interest of RMB 37,663.55. The litigation costs shall be borne by Shandong Meitian.

On December 13, 2020, the people's court of high and new technology industry development zone, Taian of Shandong province, made the judgment of first verdict of Lu 0991 Minchu No. 954 (2020), that Wuleng Engineering should pay a total of RMB 1.65million for service fee and economic loss. Economic loss should be based on RMB 1.65million of service fee, plus interest which is worked out based on the interbank offer rate in China market published by the National wide Interbank Offering Center until the date of actual payment. Wuxin Refrigeration is jointly liable for the above amount. Other claims of Shandong Meitian have been rejected; Rejected the counterclaim of Wuleng Engineering.

On December 21, 2020, Wuleng Engineering appealed to the Intermediate People's Court of Taian Shandong Province during the appeal period after the first instance verdict, as of the date of this report, the case is still pending.

## 35. Deferred income

## (1) Category of deferred income

Item	Opening Balance	Increase	Decrease	Closing Balance	Formation Basis
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Item	Opening Balance	Increase	Decrease	Closing Balance	Formation Basis
Government subsidy	104,457,568.86	1,100,000.00	3,228,299.49	102,329,269.37	
<b>Total</b>	104,457,568.86	1,100,000.00	3,228,299.49	102,329,269.37	—

(2) Government subsidy project

Government subsidy item	Opening Balance	Increase	Recorded into Non-operating income	Offset cost or expense	Closing Balance	Related with asset/equity
Relocation compensation	40,104,000.00		556,998.00		39,547,002.00	Asset related
Application of NH <sub>3</sub> and CO <sub>2</sub> instead of R22 screw refrigerating machine combined condensing unit	16,398,350.48			1,014,161.94	15,384,188.54	Asset related
Compressor IC system	3,907,129.99			184,384.86	3,722,745.13	Asset related
Ultrasonic intelligent defrost technology	3,716,010.90		15,000.00	132,416.76	3,568,594.14	Asset related
Eco Compressor project	22,529,321.64			1,276,925.28	21,252,396.36	Asset related
R290 replacement of R22 large industrial screw unit	13,006,663.20				13,006,663.20	Asset related
R290 replacement of R22 industrial double stage screw unit	4,747,680.00				4,747,680.00	Asset related
New high-tech enterprise		100,000.00			100,000.00	Income related
Evaluation of national enterprise technology center		1,000,000.00			1,000,000.00	Income related
Subsidy fund for highly effective heat pump and related system	48,412.65			48,412.65		Asset related
<b>Total</b>	104,457,568.86	1,100,000.00	571,998.00	2,656,301.49	102,329,269.37	

36. Share capital

Item	Opening	Increase/decrease (+, -)	Closing
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	<b>balance</b>	<b>New share issued</b>	<b>Share dividend</b>	<b>Transfer from capital reserve</b>	<b>others</b>	<b>Subtotal</b>	<b>balance</b>
<b>Total shares</b>	843,212,507.00						843,212,507.00

## 37. Capital reserves

<b>Items</b>	<b>Opening Balance</b>	<b>Increase</b>	<b>Decrease</b>	<b>Closing Balance</b>
Share premium	659,622,044.20			659,622,044.20
Other capital reserves	67,146,423.80		16,123,970.29	51,022,453.51
<b>Total</b>	726,768,468.00		16,123,970.29	710,644,497.71

## 38. Other comprehensive income

Items	Opening Balance	2021.1-6					Closing Balance
		Amount for the period before income tax	Less: Previously recognized in profit or loss in other comprehensive income	Less: income tax	After-tax to the company	attribute parent to After-tax attribute minority shareholder	
I.Later can't reclassified into profit and loss of other comprehensive income							
II. Later reclassified into profit and loss of other comprehensive income	2,501,459.77						2,501,459.77
Proportional other comprehensive income of investee which is reclassified into income statement under equity method	2,501,459.77						2,501,459.77
<b>Other comprehensive income total</b>	2,501,459.77						2,501,459.77

## 39. Special Reserve

Items	Opening Balance	Increase	Decrease	Closing Balance
Safety production cost		1,201,021.67	1,201,021.67	
<b>Total</b>		1,201,021.67	1,201,021.67	

## 40. Surplus reserves

Item	Opening Balance	Increase	Decrease	Closing Balance
Statutory surplus reserve	356,056,750.07			356,056,750.07
Discretionary surplus reserve	449,469,025.26	12,785,383.91		462,254,409.17
<b>Total</b>	805,525,775.33	12,785,383.91		818,311,159.24

The Company made profit distribution within the reporting period. According to the 2020 annual meeting, 20% of net profit in the 2020 fiscal annual report is provided for discretionary surplus reserve of 12,785,383.91 Yuan.

## 41. Undistributed profits

Item	2021-06-30	2020-06-30
<b>Closing balance of 2020</b>	997,601,577.97	1,038,358,782.59
Add: Adjustments to the opening balance of undistributed profits		
<b>Opening balance of 2021</b>	997,601,577.97	1,038,358,782.59
Add: net profit attributable to shareholders of parent company in the year	-14,584,210.01	-23,604,345.52
Less: Provision for statutory surplus reserves		
Provision for any surplus reserves	12,785,383.91	30,409,270.84
Dividends payable for common shares	8,432,125.07	25,296,375.21
<b>Closing balance of the current period</b>	961,799,858.98	959,048,791.02

## 42. Operating revenue and cost

Items	2021.01-06		2020.01-06	
	Sales revenue	Cost of sales	Sales revenue	Cost of sales
Revenue from principle operation	1,069,601,775.40	939,531,941.76	857,035,486.66	732,433,950.29
Revenue from other operation	24,683,845.57	10,872,827.50	16,367,927.80	15,641,145.83
<b>Total</b>	1,094,285,620.97	950,404,769.26	873,403,414.46	748,075,096.12

## (1) Main revenue from contract details

Items	Division 1
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Classified at products type	<b>1,069,601,775.40</b>
Manufacture products	675,316,303.74
Project installation	386,022,799.34
Other products and service	8,262,672.32
Classified at geography location	<b>1,069,601,775.40</b>
domestic	1,011,538,820.53
overseas	58,062,954.87

## 43. Operating taxes and surcharges

Items	2021.01-06	2020.01-06
City construction tax	1,446,546.32	822,185.02
Education surcharge	962,826.14	589,369.05
Property tax	4,035,908.73	3,835,774.27
Land use tax	2,450,307.46	2,189,549.16
Vehicle and vessel tax	8,942.04	11,571.44
Stamp duty	657,768.65	563,772.21
Others	119,222.81	8,270.68
<b>Total</b>	<b>9,681,522.15</b>	<b>8,020,491.83</b>

## 44. Selling expenses

Items	2021.01-06	2020.01-06
Official business expense	4,348,750.49	2,994,176.07
Travel expense	4,114,863.50	3,742,450.00
Business entertaining expense	2,525,127.61	2,356,885.18
Maintenance and repair expense	2,873,319.38	1,890,493.88
Advertisement and bids expense	1,044,426.89	806,949.46
Depreciation expense	98,213.00	110,392.35
Transportation expense	6,509,108.10	5,215,850.58
Other expense	1,370,485.55	-569,730.79
<b>Total</b>	<b>56,710,524.65</b>	<b>35,446,794.72</b>

## 45. Administrative expenses

Items	2021.01-06	2020.01-06
Employee benefit	44,697,319.27	44,701,524.40
Official expense	6,540,910.41	5,862,390.02
Depreciation expense	5,684,128.55	5,681,960.08
Long-term assets amortization	3,926,562.28	3,319,148.39
Maintenance and repair expense	2,769,914.26	3,332,999.96
Design consultant and test service expense	3,154,130.36	3,623,329.62
Safety production cost	1,201,021.67	1,127,227.68
Travel expense	1,783,780.25	1,161,310.14
Business entertaining expense	814,439.73	793,831.00

Items	2021.01-06	2020.01-06
Insurance expense	364,092.63	407,320.27
Advertisement expense	66,647.41	100,998.04
Other tax	18,601.23	
Other expense	704,949.73	658,087.26
<b>Total</b>	<b>71,726,497.78</b>	<b>70,770,126.86</b>

## 46. R&amp;D expenses

Items	2021.01-06	2020.01-06
Employee benefit	28,422,612.24	21,428,261.05
Depreciation and amortization expense	441,407.58	2,110,399.66
Raw material	1,367,252.76	478,225.01
Entrust external R&D investment	227,644.82	6,283.00
Other expense	279,234.20	691,852.56
<b>Total</b>	<b>30,738,151.60</b>	<b>24,715,021.28</b>

## 47. Financial expenses

Items	2021.01-06	2020.01-06
Interest expenses	8,711,437.07	9,632,767.81
Less: Interest income	3,200,439.42	882,852.63
Add: Exchange loss	-471,153.98	-552,914.09
Others expenditure	1,200,825.06	1,864,326.98
<b>Total</b>	<b>6,240,668.73</b>	<b>10,061,328.07</b>

## 48. Other income

Items	2021.01-06	2020.01-06
Government subsidy	907,398.00	6,507,868.29
Personal income tax handling fee refund	7,056.99	
<b>Total</b>	<b>914,454.99</b>	<b>6,507,868.29</b>

## 49. Investment income

Items	2021.01-06	2020.01-06
Long-term equity investment gain under equity method	21,085,751.39	16,816,173.99
Gain from disposing of long-term equity investment		
Gain from from debt restructuring	-6,860.60	
Gain from disposal of other noncurrent financial assets	-96,737.66	
Gain from holding of other non-current financial assets	7,229,604.48	6,126,903.12

<b>Total</b>	28,211,757.61	22,943,077.11
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## 50. Fair value change income (loss listed as“-“)

<b>Items</b>	2021.01-06	2020.01-06
Other non-current financial assets	-5,034,903.12	-19,323,309.84
<b>Total</b>	-5,034,903.12	-19,323,309.84

## 51. Credit impairment losses (loss listed as“-“)

<b>Items</b>	2021.01-06	2020.01-06
Bad debt loss on notes receivable	1,108,930.41	3,479,059.83
Bad debt loss on receivable	-11,460,308.47	-16,928,378.83
Bad debt loss on other receivable	2,435,152.34	-592,587.01
Credit impairment loss on long term receivable	280,800.00	
<b>Total</b>	-7,635,425.72	-14,041,906.01

## 52. Assets impairment losses (loss listed as“-“)

<b>Items</b>	2021.01-06	2020.01-06
Loss of contract asset impairment	-1,016,603.72	
<b>Total</b>	-1,016,603.72	

## 53. Gain on assets disposal

<b>Item</b>	2021.01-06	2020.01-06
Gains on disposal of non-current assets	8,393.93	10,788.53
Including: Gain on non-current assets disposal income not classified as held for sale	8,393.93	10,788.53
Including: gain on fixed assets disposal	8,393.93	10,788.53
<b>Total</b>	8,393.93	10,788.53

## 54. Non-operating income

<b>Item</b>	2021.01-06	2020.01-06	<b>Amounts recognized into non-recurring profit or loss for the year</b>
Debt restructuring gains	531,903.00	162,560.00	531,903.00
Penalty and fine income		216,492.50	
Others	1,407,195.38	987,052.84	1,407,195.38
<b>Total</b>	1,939,098.38	1,280,059.12	1,939,098.38

## 55. Non-operating expenses

<b>Item</b>	2021.01-06	2020.01-06	<b>Amounts recognized into</b>
-------------	------------	------------	--------------------------------

			<b>non-recurring profit or loss for the year</b>
Non-current assets scrap loss	395,122.52	44,972.15	395,122.52
Others	166,566.53	48,522.19	166,566.53
<b>Total</b>	<b>561,689.05</b>	<b>93,891.78</b>	<b>561,689.05</b>

## 56. Income tax expenses

## (1) Income tax expenses

<b>Items</b>	2021.01-06	2020.01-06
Current income tax expenses	2,143,118.35	1,427,499.91
Deferred income tax expenses	371,879.14	-2,919,759.08
<b>Total</b>	<b>2,514,997.49</b>	<b>-1,492,259.17</b>

## (2) Adjustment process of accounting profit and income tax expense

<b>Items</b>	2021.01-06
Total profits	-14,391,429.90
Current income tax expense accounted by tax and relevant regulations	-2,158,714.49
Influence of different tax rate suitable to subsidiary	-499,161.50
Influence of income tax before adjustment	-460,093.06
Influence of non taxable income	-4,648,381.01
Influence of not deductible costs, expenses and losses	3,319,163.62
Effect on use of deductible loss from unrecognized deferred tax assets in the prior period	4,222,207.39
Influence of deductible temporary difference or deductible losses of deferred income tax assets derecognized in reporting period.	2,889,339.52
<b>Income tax expenses</b>	<b>2,514,997.49</b>

## 57. Other comprehensive income

Refer to the note VII.38 other comprehensive income for details.

## 58. Notes to cash flow statement

## (1) Cash receipt/payment of other operating/investing/financing activities

## 1) Other cash received relating to operating activities

<b>Items</b>	2021.01-06	2020.01-06
Government grants	1,367,721.83	12,168,371.56
Received travel expense refund	449,912.15	1,063,272.24
Deposit given back	27,180,320.58	14,765,375.21
Interest income	1,910,435.81	314,336.56
Others	3,356,161.51	4,566,093.18
Receivable from the related party	9,545,982.11	
<b>Total</b>	<b>43,810,533.99</b>	<b>32,877,448.75</b>

## 2) Other cash paid relating to operating activities

Items	2021.01-06	2020.01-06
Business travel borrowing	5,217,215.20	8,230,047.29
Deposit paid	18,941,721.30	17,663,991.76
Expenditure	40,969,033.35	34,127,531.31
Unsettled AR/AP among related party	3,074,818.29	
Bank handling charges	1,155,480.12	1,769,898.93
Others	16,259,439.25	583,138.56
<b>Total</b>	<b>85,617,707.51</b>	<b>62,374,607.85</b>

## 3) Others cash received relating to financing activities

Items	2021.01-06	2020.01-06
Collection of guarantee money	58,467,271.18	32,960,611.49
Sale leaseback and financial lease	1,876,663.49	3,886,589.07
<b>Total</b>	<b>60,343,934.67</b>	<b>36,847,200.56</b>

## 4) Others cash played relating to financing activities

Items	2021.01-06	2020.01-06
Payment of guarantee money	58,467,271.18	32,960,611.49
Sale& lease back and financial lease	1,876,663.49	3,886,589.07
<b>Total</b>	<b>60,343,934.67</b>	<b>36,847,200.56</b>

## 59. Supplementary information of consolidated cash flow statement

Items	2021.01-06	2020.01-06
<b>1. Adjusting net profit into cash flows of operating activities:</b>	—	—
Net profit	-16,906,427.39	-24,910,499.83
Add: Provision for impairment of assets	8,652,029.44	15,147,375.91
Depreciation of fixed assets, Amortization of mineral resources, and biological assets	34,378,919.44	34,750,769.26
Depreciation of right of use assets	1,473,155.41	0.00
Amortization of intangible assets	3,356,402.92	2,373,689.18
Amortization of long-term deferred expenses	786,205.59	2,175,118.39
Losses on disposal of fixed assets, intangible assets, and long-term assets (income listed with"-")	-8,393.93	-55,668.73
Losses on write-off of fixed assets (income listed with"-")	395,122.52	45,369.59
Change of fair value profit or loss	5,034,903.12	19,323,309.84
Financial expense (income listed with"-")	8,711,437.07	9,635,047.81
Investment loss (income listed with"-")	-28,211,757.61	-22,943,077.11

Decrease of deferred tax assets(increase listed with“-”)	-854,627.34	2,334,787.70
Increase of deferred tax liabilities(decrease listed with“-”)	-755,235.46	-2,898,496.47
Decrease of inventories (increase listed with“-”)	-125,888,007.53	-69,323,956.85
Decrease of operating receivables (increase listed with“-”)	-152,568,485.04	-147,581,069.09
Increase of operating payables (decrease listed with“-”)	233,516,922.51	103,576,611.65
Others		
Net cash flows arising from operating activities	-28,887,836.28	-78,350,688.75
<b>2. Significant investment and financing activities unrelated to cash income and expenses</b>		
Liabilities transferred to capital		
Convertible bonds within 1 year	25,000,034.00	
Financing leased fixed assets		
<b>3. Net increase (decrease) of cash and cash equivalent</b>		
Closing balance of cash	254,388,688.02	268,889,987.62
Less: Opening balance of cash	314,978,460.49	301,527,354.56
Net increase of cash and cash equivalent	-60,589,772.47	-32,637,366.94

## (1) Cash and cash equivalents

Items	2021.6.30	2021.1.1
Cash	254,388,688.02	314,978,460.49
Including: Cash on hand	46,859.50	154,668.54
Bank deposit used for paying at any moment	254,341,828.52	314,852,391.95
Other monetary fund for paying at any moment		
Deposit fund in central bank available for payment		
Cash equivalent		
Including: bonds investment with maturity in 3 months		
Closing balance of cash and cash equivalents	254,388,688.02	314,978,460.49

## 60 The assets with the ownership or use right restricted

Items	2021.6.30	Reasons
Monetary fund	58,425,355.47	Guarantee money
Notes Receivable	21,890,716.83	Pledge
<b>Total</b>	<b>80,316,072.30</b>	

Note: The bank account of Wuhan New World Refrigeration Industrial Co., Ltd is frozen due to litigations, the amount is 3.945 million Yuan. Wuhan Lanning Energy Technology Co., Ltd's bank account is frozen due

to litigations, the amount is 97,600 Yuan.

Dalian Niweisi LengNuan Techonoligy Co., Ltd. pledged the bank acceptance note to China Merchants bank Dalian Branch as guarantee for issuing the commercial acceptance note.

Dalian Xinminghua Electrical Technology Co., Ltd. pledged the bank acceptance note to China Merchants bank Dalian Jinpu Branch as guarantee for issuing the commercial acceptance note.

Dalian Bingshan Air-conditioning Equipment Co., Ltd. pledged the bank acceptance note to ICBC bank Dalian DDZ Branch as guarantee for issuing the commercial acceptance note.

#### 61. Monetary category of foreign currency

##### (1) Monetary category of foreign currency

Item	Closing Balance (foreign currency)	Exchange Rate	Closing Balance (RMB)
Cash	—	—	
Including: USD	1,233,178.15	6.4601	7,966,454.17
Euro	786.88	7.6862	6,048.12
JPY	2,603,881.00	0.0584	152,139.56
GBP	7,002.56	8.9410	62,609.89
Accounts receivable	—	—	45,614,023.00
Including: USD	5,549,031.84	6.4601	35,847,300.59
GBP	149,031.86	8.9410	1,332,493.86
JPY			
Accounts payable	—	—	
Including: USD	947,459.24	6.4601	6,120,681.44
Euro	18,447.50	7.6862	141,791.17
JPY	12,075,675.00	0.0584	705,557.54
GBP	37,374.28	8.9410	334,163.44

#### 62. Government Grants

Category	Amount	Disclosure	Amount recognized in current profit and loss
Efficiency pump and its supporting systems	7,800,000.00	Deferred Income	48,412.65
Relocation compensation	42,332,000.00	Deferred Income	556,998.00
Application of combined compression NH3&Co2 replace R22	21,273,678.04	Deferred Income	1,014,161.94
Refrigeration Compressor Intelligent Manufacturing System Fund	5,000,000.00	Deferred Income	184,384.86
Ultrasonic defrosting technology	9,841,800.00	Deferred Income	147,416.76
Environmental protection and energy saving refrigeration and air	31,000,000.00	Deferred Income	1,276,925.28

Category	Amount	Disclosure	Amount recognized in current profit and loss
Efficiency pump and its supporting systems	7,800,000.00	Deferred Income	48,412.65
Relocation compensation	42,332,000.00	Deferred Income	556,998.00
Application of combined compression NH3&Co2 replace R22 conditioning compressor technology industrialization project	21,273,678.04	Deferred Income	1,014,161.94
R290 replace R22	13,006,663.20	Deferred Income	
R290 replace R22 twin stage screw sets	4,747,680.00	Deferred Income	
High-tech enterprise recognition subsidy	300,000.00	Deferred Income	200,000.00
Subsidies after r&d investment	1,000,000.00	Deferred Income	
Others	42,456.99		42,456.99
<b>Total</b>	<b>136,344,278.23</b>	<b>-</b>	<b>3,470,756.48</b>

### VIII. Change of Consolidation Scope

There are no changes in scope of consolidation

### IX. Interest in other entity

#### 1. Equity of subsidiaries

##### (1) Organization structure of group company

Name of subsidiaries	Main business address	Registered address	Business nature	Shareholding (%)		Obtaining method
				Direct	Indirect	
Dalian Bingshan Group Engineering Co., Ltd.	Dalian	Dalian	Installation	100		Establish
Dalian Bingshan Group Sales Co., Ltd.	Dalian	Dalian	Trading	100		Establish
Dalian Bingshan Air-conditioning Equipment Co., Ltd.	Dalian	Dalian	Manufacturing	70		Establish
Dalian Bingshan Guardian Automation Co., Ltd.	Dalian	Dalian	Manufacturing	100		Establish
Dalian Bingshan Ryosetsu Quick Freezing Equipment Co., Ltd.	Dalian	Dalian	Manufacturing	100		Establish
Wuhan New World Refrigeration Industrial Co., Ltd.	Wuhan	Wuhan	Manufacturing	100		Acquisition
Bingshan Technical Service (Dalian) Co.,Ltd.	Dalian	Dalian	Services	100		Establish

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Name of subsidiaries	Main	Registered	Business nature	Shareholding (%)		Obtaining
Dalian New Meica Electronics Technology Co., Ltd	Dalian	Dalian	Electronic	100		Acquisition
Dalian Universe Thermal Technology Co., Ltd.	Dalian	Dalian	Manufacturing	55		Acquisition
Dalian Bingshan Engineering & Trading Co., Ltd.	Dalian	Dalian	Service	100		Acquisition
Wuhan New World Air-conditioning Refrigeration Engineering Co., Ltd	Wuhan	Wuhan	Installation		100	Establish
Wuhan Lanning Energy Technology Co., Ltd.	Wuhan	Wuhan	Trading		54.55	Acquisition
Ningbo Bingshan Air-conditioning Refrigeration Engineering Co., Ltd	Ningbo	Ningbo	Installation		51.00	Establish
Chengdu Bingshan Refrigeration Engineering Co., Ltd.	Chengdu	Chengdu	Services		51.00	Establish

- 1) All the proportion of shareholding in subsidiaries were the same with voting right
  - 2) The company held over 50% voting right in subsidiaries and could control these subsidiaries with over 50% voting right
  - 3) There is no change on the shareholding of the subsidiaries.
- (2) There is no significant non-wholly-owned Subsidiary.
2. Equity in joint venture arrangement or associated enterprise

- (1) The important of joint ventures or affiliated companies

Name of joint ventures or affiliated companies	Main business address	Registered address	Business nature	Shareholding (%)		Accounting methods
				Direct	Indirect	
Panasonic Compressor	Dalian	Dalian	Manufacturing	40		Equity method
Jing Xue Insulation	Changzhou	Changzhou	Manufacturing	21.91		Equity method

Name of joint ventures or affiliated companies	Main business address	Registered address	Business nature	Shareholding (%)		Accounting methods
				Direct	Indirect	
Bingshan Metal Technology	Dalian	Dalian	Manufacturing	49		Equity method
Songzhi Dayang Refrigeration & Heat Transfer Technology	Dalian	Dalian	Manufacturing	25		Equity method

The Company assumes the affiliated as significant party either when the investment income from investee presents 10% of the parent's net profit or the proportion of shareholding of the investee's net asset represents 10% of the parent's shareholder equity.

- 1) The Company has the same percentage of shareholding and voting right in joint-venture or affiliated company.
- 2) The Company doesn't have affiliated company which has significant influence although being held less than 20% voting rights.
- 3) The Company doesn't have joint venture or affiliated companies which have no significant influence although being held 20% or more voting rights.

(2) The key financial information of affiliated companies



Items	30-06-2021/2021.01-06			
	Panasonic Compressor	Jing Xue Insulation	Bingshan Metal Technology	Songzhi Dayang Refrigeration & Heat Transfer Technology
Current assets	1,250,747,128.82	1,179,793,108.93	370,543,496.54	317,505,812.09
Non-current assets	298,021,485.62	222,503,367.11	41,903,501.37	78,312,618.73
Total assets	1,548,768,614.44	1,402,296,476.04	412,446,997.91	395,818,430.82
Current liabilities	383,010,177.63	652,284,352.73	74,729,737.51	86,720,800.09
Non-current liabilities	26,094,286.57	16,207,048.62		14,217,165.53
Total liabilities	409,104,464.20	668,491,401.35	74,729,737.51	100,937,965.62
Minority interests		399,413.03		
Equity to the parent company	1,139,664,150.24	733,405,661.66	337,717,260.40	294,880,465.20
Proportions of net assets according to the shareholding percentage	455,865,660.10	160,681,846.42	165,481,457.60	58,976,093.04
Adjusting events				
—Goodwill		29,961,491.06	19,269,770.94	
—Unrealized profits of insider trading				
--Others	-775,149.95		-57,236.29	
Book value of equity investment of affiliated companies	455,090,510.15	190,643,337.48	184,693,992.25	58,976,093.04
Fair value of equity investment of affiliated companies				
Operating income	579,289,602.09	277,028,549.54	231,889,705.55	278,843,178.61

Items	30-06-2021/2021.01-06			
	Panasonic Compressor	Jing Xue Insulation	Bingshan Metal Technology	Songzhi Dayang Refrigeration & Heat Transfer Technology
Net profit	66,514,772.97	16,637,748.36	23,361,750.71	15,205,688.28
Net profit from closing				
Other comprehensive income				
Total comprehensive income	66,514,772.97	16,637,748.36	23,361,750.71	15,205,688.28
The current dividends received from joint ventures	32,773,200.00			

Continued:

Items	31-12-2020/2020.01-06			
	Panasonic Compressor	Jing Xue Insulation	Bingshan Metal Technology	Songzhi Dayang Refrigeration & Heat Transfer Technology
Current assets	1,245,700,871.26	858,059,356.79	332,989,325.80	333,123,113.44
Non-current assets	309,811,760.93	192,469,083.17	44,431,510.18	84,661,159.92
Total assets	1,555,512,632.19	1,050,528,439.96	377,420,835.98	417,784,273.36
Current liabilities	366,066,971.54	478,133,992.64	63,065,326.29	123,961,987.60
Non-current liabilities	18,343,806.70	13,138,693.27		14,147,508.84
Total liabilities	384,410,778.25	491,272,685.91	63,065,326.29	138,109,496.44
Minority interests		375,245.30		
Equity to the parent company	1,171,101,853.94	558,880,508.75	314,355,509.69	279,674,776.92
Net assets calculated according to the	468,440,741.58	163,260,174.22	154,034,199.75	55,934,955.38

Items	31-12-2020/2020.01-06			
	Panasonic Compressor	Jing Xue Insulation	Bingshan Metal Technology	Songzhi Dayang Refrigeration & Heat Transfer Technology
shareholding proportions				
Adjusting events				
—Goodwill		39,948,654.75	19,269,770.94	
—Unrealized profits of insider trading				
--Others	-2,621,843.60		-145,424.54	
Book value of equity investment of affiliated companies	465,818,897.98	203,208,828.97	173,158,546.15	55,934,955.38
Fair value of equity investment of affiliated companies				
Operating income	498,727,220.29	239,740,068.05	204,625,692.76	278,877,218.96
Net profit	30,316,392.38	7,932,858.81	25,242,882.57	702,135.41
Net profit from closing				
Other comprehensive income				
Total comprehensive income	30,316,392.38	7,932,858.81	25,242,882.57	702,135.41

## (3) Summary financial information of insignificant affiliated companies

Items	30-06-2021/2021.01-06	31-12-2020/2020.01-06
Total book value of investment of affiliated companies	713,602,837.05	733,355,484.16
The total of following items according to the shareholding proportions		
Net profit	-25,310,849.92	3,936,888.40
Other comprehensive income		
Total comprehensive income	-25,310,849.92	3,936,888.40

**IX. Risk Related to Financial Instruments**

## (1) Market risk

## 1) Exchange rate risk

Most of the Company's business is located in China, and settled with RMB. But the company defined exchange rate risk of assets, liabilities dominated in foreign currency and future transaction dominated in foreign currency (mainly including USD, JPY, HKD and GBP). The financial department of the company monitors the company's foreign currency transaction and the scale of foreign assets and liabilities, and decreases exchange rate risk. During the current year the company didn't agree any forward foreign exchange contract or currency swap contract. As at 30 June 2021 the company's assets and liabilities dominated in foreign currency are listed in RMB as following:

Items	Closing Balance	Opening balance
Monetary fund-USD	7,966,454.17	15,790,643.22
Monetary fund-JPY	152,139.56	2,714,504.45
Monetary fund-EURO	6,048.12	
Monetary fund- GBP	62,609.89	66.32
Receivable - GBP	1,332,493.86	1,331,614.56
Receivable- USD	35,847,300.59	34,739,431.77
Receivable - EURO		
Receivable - JPY		2,162,789.04
Payables -USD	6,120,681.44	6,553,114.36
Payables -EURO	141,791.17	
Payables - JPY	705,557.54	
Payables -GBP	334,163.44	

The Company paid close attention to the effect on FX risk.

## 2) Interest rate risk

The interest risk of the Group incurred from bank loan, risk of a floating interest rate of financial liabilities that lead to the company facing cash flow interest rate risk, financial liabilities with a fixed interest rate lead to the company facing cash flow interest rate risk. The company determined the proportion of fixed interest rate and floating interest rate according to the current market circumstance. The Company and Dalian Bingshan Group Co., Ltd. borrowed long term loan RMB 150,000,000.00 with fixed interest rate.

The financial department of the company continuously monitors the interest rates level, and the management would make some adjustment to lower the interest rate risk according to the latest market situation. Climbing interest rate will increase the cost of newly increased interest-bearing liability and interest expense for unsettled interest-bearing liability at floating rate and have adverse effect on the business performance.

The sensitive analysis:

As at 30 June 2021, base on the assumption of interest rate change of 50 BP, the Company's net profit will increase or decrease RMB 434.30 thousand Yuan.

## 3) Price risk

As at 30 June 2021, there will be effect on the price variance for financial assets valued in fair value.

### (2) Credit risk

The credit risk of the company comes from monetary fund, notes receivable, accounts receivable, and other accounts receivable etc. The management made credit policies and monitored changes of this credit exposure.

The company's working capital was in bank with higher credit rating, so there was no significant credit risk, nor significant losses due to the default of other entity. Upper limit policy is adopted to avoid any credit risk from financial institution.

The company made relevant policy to control credit risk exposure from receivable, other receivable and notes receivable. The company assesses the client's credit background according to the client's financial performance, possibility of obtaining guarantee from the 3rd party, credit record and other factors such as current market. The company will periodically monitor the credit situation of the client and will take measures such as prompt letter, shorten credit period or cancel the credit to ensure the overall credit risk within the controllable scope.

As at 30 June 2021, the top five customers of receivable accounts balance is: 130,481,404.00 Yuan.

### (3) Liquidity risk

Liquidity risk was referred to the risk of shortage of funds incurred when the enterprise fulfill the obligation of settlement by cash or other financial assets. The way to manage the liquidity risk is to ensure enough fund available

to fulfill the liability by due date in prevention from unacceptable loss of or reputation damage to the Company. The Company periodically analyze the liability structure and expiry date and the financial department of the company continued to monitors the short term or long term capital needs to ensure maintain plenty of cash flow. And the same time they also monitor the condition of bank loan agreements and obtain commitments from banks to provide plenty of funds.

The main fund comes from bank loan. By 30 June 2021, the credit limit still available is 473.4 million Yuan and short term credit limit available is 473.4 million Yuan.

As at 30 June 2021 the Company's financial assets and financial liabilities in line with non discount cash flow of the contracts as following: Currency unity: 10 thousand Yuan

Items	Closing balance				
	Within 1 year	1-2 years	2-5 years	Over 5 years	Total
<b>Financial Assets</b>					
Cash and cash in bank	32,091.65				32,091.65
Notes receivable	16,479.05				16,479.05
Accounts receivable	87,993.08				87,993.08
Receivables financing	6,787.75				6,787.75
Other receivable	3,840.47				3,840.47
Contract asset	9,312.81				9,312.81
Non-current assets maturing within one year	3,895.26				3,895.26
Long-term receivables			6,584.64		6,584.64
Other non-current financial assets				23,930.41	23,930.41
<b>Financial Liabilities</b>					
Short-term loan	23,953.00				23,953.00
Notes Payable	31,346.57				31,346.57
Accounts payable	96,229.04				96,229.04
Other payable	3,844.94				3,844.94
Employee's payable	1,043.29				1,043.29
Tax payable	840.49				840.49
Non-current liabilities due within one year	4,250.95				4,250.95
Long-term loan			15,000.00		15,000.00
Long-term payables		868.20			868.20

**XI. Disclosure of Fair Value**

## 1. Amount and measurement level of the assets and liabilities measured at fair value at the year end

Items	Fair value at the year end			
	First level measurement of fair value	Second level measurement of fair value	Third level measurement of fair value	Total
<b>Financial assets Continuously measured at FV available for sale</b>				
Other non-current financial assets	221,177,537.12		12,991,658.59	234,169,195.71
(1) Investment by debt instruments				
(2) Investment by equity instruments	221,177,537.12		12,991,658.59	234,169,195.71
(3) Others				

## 2. Basis for Market price of first level measurement of fair value

Equity instrument portion of other non-current financial assets is measured at the unadjusted closing quoted price on stock market on June 30, 2021.

3. For continuous and discontinuous 2<sup>nd</sup> level of FV, valuation technique adopted and key parameter quantitative and qualitative information.

None.

4. For continuous and discontinuous 3<sup>rd</sup> level of FV, valuation technique adopted and key parameter quantitative and qualitative information.

It was valued by cost price.

5. For continuous 3<sup>rd</sup> level of FV, adjusted information of opening and closing balance and sensitivity analysis of unobservable parameter.

None

6. Assets continuously measured at fair value have switched among different level during the year.

None

7. Changes of valuation technique and reasons for changes

None

8. Assets and liability are disclosed at FV rather than measured at FV

None

**XII. Related Parties Relationship and Transactions****(I) Related parties relationship**

## 1. Parent company and ultimate controller

### 1) Parent company and ultimate controller

Parent company	Registered address	Business nature	Registered capital	Shareholding percentage (%)	Voting power percentage (%)
Dalian Bingshan Group Co., Ltd.	Dalian	Manufacture	158,580,000.00	20.27	20.27

Dalian Bingshan Group Co., Ltd. is a sino –foreign joint venture located No.888 Xinan Road, Shahekou District, Dalian, China. The legal representative of Dalian Bingshan Group Co., Ltd. is Mr. Ji Zhijian, and the registered capital is RMB158.58 million. The registered business operation period is from 3<sup>rd</sup> July 1985 to 2<sup>nd</sup> July 2035. The business scope include research, development, manufacture, sales, service and installment of refrigeration equipment, cooling and freezing equipment, different size of air-conditioners, petrochemical equipment, electronic and electronic- control products, home electronic appliance, environment protect equipment and etc. (unless the licenses needed)

## 2. Subsidiaries

Referring to the content in the Note IX. 1. (1) Organization structure of group company.

## 3. Affiliated company and joint venture

The information of the affiliated company and joint venture please refers to the note IX. 3 ‘The significant affiliated company and joint venture’. The company had transactions with related parties during the current period or last period, including:

Names of the joint ventures or affiliated company	Relationships with the Company
Panasonic Appliances Air-conditioning and Refrigeration (Dalian) Co., Ltd	Affiliated company of the Company
Panasonic Appliances Cold-chain (Dalian) Co., Ltd	Affiliated company of the Company
Panasonic Appliances Compressor (Dalian) Co., Ltd	Affiliated company of the Company
Dalian Honjo Chemical Co., Ltd	Affiliated company of the Company
Songzhi Ocean Thermal Technology (Dalian) Co., Ltd	Affiliated company of the Company
Beijing Huashang Bingshan Refrigeration and Air-conditioning Machinery Co., Ltd	Affiliated company of the Company
Dalian Fuji Bingshan Vending Machine Co., Ltd	Affiliated company of the Company
MHI Bingshan Refrigeration (Dalian) Co., Ltd.	Affiliated company of the Company

Names of the joint ventures or affiliated company	Relationships with the Company
Dalian Fuji Bingshan Vending Machine Sales Co., Ltd	Affiliated company of the Company
Jiangsu JingXue Insulation Technology Co., Ltd.	Affiliated company of the Company
Dalian Jingxue Freezing Equipment Co., Ltd	Subsidiary of affiliated company
Shanghai Jingxue Freezing Equipment Co., Ltd	Subsidiary of affiliated company
Panasonic Refrigerating System (Dalian) Co., Ltd.	Affiliated company of the Company
Dalian Bingshan Metal Technology Co., Ltd.	Affiliated company of the Company
Wuhan Sikafu Power Control Equipment Co., Ltd.	Affiliated wholly owned subsidiary of the Company
Dalian Bingshan Group Huahuida Finance Leasing Co. LTD	Affiliated company of the Company

#### 4. Other related parties

Name of related party	Related party relationship
Dalian Bingshan Group Refrigeration Equipment Co., Ltd	Affiliated company of Dalian Bingshan Group
Dalian Spindle Cooling Towers Co., Ltd	Affiliated company of Dalian Bingshan Group
BAC Dalian Co., Ltd	Affiliated company of Dalian Bingshan Group
Linde Hydrogen Refill Station Equipment(Dalian) Co.,Ltd	Affiliated company of Dalian Bingshan Group
Dalian Bingshan Part Technology Co., Ltd.	Subsidiary of Dalian Bingshan Group
Alphavita Bio-scientific (Dalian) Co., Ltd.	Subsidiary of Dalian Bingshan Group
Dalian Fuji Bingshan Intelligent Control System Co., Ltd.	Affiliated company of Subsidiary of Dalian Bingshan Group
Dalian Kaierwen science Co.,Ltd	Affiliated company of Dalian Bingshan Group
Dalian Bingshan Wisdom Park Co., Ltd.	Affiliated company of Subsidiary of Dalian Bingshan Group

#### 5. Related Party transactions

##### 1. Purchase of goods, offer and receive labour services etc inter-group transactions

###### 1) Purchase of goods/receive labour services

Related party	Content	2021.1-6	2020.1-6
Dalian Bingshan Part Technology Co., Ltd.	Purchases of goods	1,100,719.55	1,386,362.74
Panasonic Appliances Air-conditioning and Refrigeration (Dalian) Co., Ltd.		14,283,046.33	12,544,723.07
Panasonic Appliances Cold-chain (Dalian) Co., Ltd		4,418,110.43	19,945,469.77
Panasonic Appliances Compressor (Dalian) Co., Ltd		1,913,993.12	1,079,512.31
Panasonic Refrigerating System (Dalian) Co., Ltd.		31,810,662.45	3,328,792.07
Dalian Fuji Bingshan Vending Machine Co., Ltd		1,351,425.38	367,523.31
Dalian Fuji Bingshan Vending Machine Sales Co., Ltd		330,309.73	

Related party	Content	2021.1-6	2020.1-6
Dalian Bingshan Part Technology Co., Ltd.	Purchases of goods	1,100,719.55	1,386,362.74
Panasonic Appliances Air-conditioning and Refrigeration (Dalian) Co., Ltd.		14,283,046.33	12,544,723.07
Panasonic Appliances Cold-chain (Dalian) Co., Ltd		4,418,110.43	19,945,469.77
Panasonic Appliances Compressor (Dalian) Co., Ltd		1,913,993.12	1,079,512.31
Dalian Spindle Cooling Towers Co., Ltd		562,428.33	1,307,075.22
Songzhi Ocean Thermal Technology (Dalian) Co., Ltd			
BAC Dalian Co., Ltd		14,119,984.98	16,350,334.91
Dalian Bingshan Metal Technology Co., Ltd			70,809.38
Beijing Huashang Bingshan Refrigeration and Air-conditioning Machinery Co., Ltd			
Dalian Bingshan Group Refrigeration Equipment Co., Ltd		5,841,211.35	12,654,852.80
Jiangsu JingXue Insulation Technology Co.,Ltd		15,144,300.86	7,480,038.96
Wuhan Sikafu Power Control Equipment Co., Ltd.			
Dalian Bingshan Group Huahuida Finance Leasing Co. LTD		476,917.71	
Dalian Bingshan Wisdom Park Co., Ltd		0.00	64,991.82
Dalian Fuji Bingshan Intelligent Control System Co., Ltd.			
Alphavita Bio-scientific (Dalian) Co., Ltd.			
Dalian Bingshan Group Co., Ltd.			
Linde Hydrogen Refill Station Equipment(Dalian) Co.,Ltd			
<b>Total</b>			91,353,110.22

## 2) Sales of goods/ labour services provision

Related party	Content	2021.1-6	2020.1-6
Dalian Bingshan Part Technology Co., Ltd.	Sales of goods	143,269.75	697,339.29
Panasonic Appliances Air-conditioning and Refrigeration (Dalian) Co., Ltd.		35,529,664.42	24,550,377.53
Panasonic Appliances Cold-chain (Dalian) Co., Ltd		71,690,961.56	61,605,326.43
Panasonic Appliances Compressor (Dalian) Co., Ltd		7,600,809.54	3,787,087.37
Panasonic Refrigerating System (Dalian) Co., Ltd.		19,990,779.80	8,265,834.12
Dalian Fuji Bingshan Vending Machine Co., Ltd		8,397,453.07	12,025,828.33
Dalian Fuji Bingshan Vending Machine Sales Co., Ltd		31,989.61	45,419.30
MHI Bingshan Refrigeration (Dalian) Co.,Ltd.		12,830,587.15	5,017,942.62
Dalian Spindle Cooling Towers Co., Ltd		3,073,360.72	322,836.39
Songzhi Grand Ocean Thermal Technology (Dalian) Co., Ltd.			614,180.71
BAC Dalian Co., Ltd		17,129,169.19	16,935,526.04
Dalian Bingshan Group Refrigeration Equipment Co., Ltd		2,498,729.42	983,506.99
Jiangsu JingXue Insulation Technology Co.,Ltd			
Wuhan Sikafu Power Control Equipment Co., Ltd			491,777.00
Dalian Bingshan Group Huahuida Financial Leasing Co.,LTD			145,152.00
Dalian Bingshan Wisdom Park Co., Ltd		4,281,358.92	4,750,730.48
Dalian Fuji Bingshan Intelligent Control System Co., Ltd.		285,694.57	80,619.45
Alphavita Bio-scientific (Dalian) Co., Ltd.		1,290,650.45	394,317.76

<b>Total</b>		186,872,325.67	140,713,801.81
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## 2. Assets Lease

## Assets rent out

Lessor	Lessee	Category of assets rent out	2021.1-6 Lease Income	2020.1-6 Lease Income
The Company	MHI Bingshan Refrigeration (Dalian) Co.,Ltd.	Plant	1,904,761.90	1,904,761.90
The Company	Dalian Bingshan Wisdom Park Co., Ltd	Land/property	4,095,276.18	4,095,276.17
The Company	Panasonic compressor (Dalian) Co., Ltd	Employee dormitory	22,857.14	45,714.28
The Company	Panasonic Refrigeration (Dalian) Co., Ltd.	Employee dormitory	25,834.86	28,183.50
The Company	Dalian JingXue Insulation Technology Co.,Ltd	Plant and office	502,555.72	502,555.72
The Company	Wuhan Sikafu Power Control Equipment Co., Ltd	Plant	97,732.86	106,495.04
The Company	Linde Hydrogen Refill Station Equipment(Dalian) Co.,Ltd	Land/property	1,961,055.05	

## Assets under lease

Lessor	Category of assets rent in	Current year Lease fees	Last year Lease fees
Dalian Bingshan Group Huahuida Financial Leasing Co.	FA	10,971,589.76	397,771.84

Note: The Company signed rental contract with MHI Bingshan Refrigeration (Dalian) Co., Ltd., and rent # 6 workshop building located on No. 106 Liaohe East Rd, Dalian Economic and Technology Development Zone to MHI Bingshan Refrigeration (Dalian) Co., Ltd. The rental area is 15,259.04 square meters, and the rental term till 16th July, 2029. The annual rent fee for 2021 is RMB 4 million Yuan.

The Company signed rental contract with Dalian Bingshan Wisdom Park Co., Ltd., and rent out the whole land and house of the Company's old plant locating at No. 888, Southwest Road, Shahekou District, Dalian to Dalian Bingshan Wisdom Park Co., Ltd., with rental land area of 167,165.61 square meters and housing area of 105,652.43 square meters. The lease term is from April 1, 2017 to December 31, 2036. The annual rent fee for 2021 is RMB 8.646 million Yuan.

On March 17, 2021, the company signed a lease contract with Linde Hydrogenation Station Equipment (Dalian) Co., LTD., which will lease the 8,700 square meters of plant and office located at No. 106, East Liaohe Road, Dalian Development Zone to Linde Hydrogenation Station Equipment (Dalian) Co., LTD. The lease term will be up to December 31, 2030, and the current rent is RMB 2,137,500.

On June 1st, 2017, the company's subsidiary, Bingshan Lingshe, signed the leasing contract with Dalian Jingxue Energy Saving Technology Co. Ltd and rented out #7 building of workshop located on No.92, Tieshan West Rd, DDZ, Dalian. The rental area is 3653.76 square metres, and annual rent is RMB 1.08 million Yuan in 2021 with the contracted date between June 1st, 2017 and May 31st, 2022. Bingshan Lingshe also rented out Room 201, #4 building located on No.92, Tieshan West Rd, DDZ, Dalian to Dalian Jingxue Energy Saving Technology Co. Ltd. The rental area is 25square metres, and annual lease premium is RMB 15 thousand yuan with the contracted date between June 1st, 2017 and May 31st, 2022.

### 3) Guarantee with related companies.

The national development fund planned to support the company's intelligent and green equipment of cold chain and service industry base project, and provide the special fund to the controlling shareholder of the company, Bingshan Group.

### 4) Funds borrow from /lent to related party

Name of the related party	Amount	Starting date	Ending date	Explanation
Dalian Bingshan Group Co., Ltd.	150,000,000.00	2016.03.14	2026.03.13	Project fund investment

## 6. Balances with Related party

### (1) Accounts receivable due from related parties

Item	Related party	Closing Balance		Opening Balance	
		Book Balance	Bad debt Provision	Book Balance	Bad debt Provision
Accounts receivable	Panasonic Refrigeration (Dalian) Co., Ltd	13,546,229.35	950,945.30	10,217,335.97	717,256.99
Accounts receivable	Panasonic Appliances Cold Chain (Dalian) Co., Ltd	44,027,208.91	3,090,710.07	31,200,329.39	2,190,263.12
Accounts receivable	Panasonic Appliances Compressor (Dalian) Co., Ltd	3,110,093.86	218,328.59	170,229.87	11,950.14
Accounts receivable	Panasonic Refrigeration System (Dalian) Co., Ltd.	10,407,969.49	730,639.46	5,009,806.43	351,688.41
Accounts receivable	MHI Bingshan Refrigeration (Dalian) Co., Ltd.	9,051,763.35	635,433.79	1,381,832.96	97,004.67
Accounts receivable	Dalian Spindle Cooling Towers Co., Ltd	1,830,162.95	128,477.44	2,099,049.80	147,353.30
Accounts receivable	BAC Dalian Co., Ltd	8,294,833.16	582,297.29	9,504,843.22	667,239.99
Accounts receivable	Beijing Huashang Bingshan Refrigeration and Air-conditioning Machinery Co., Ltd	7,240,855.23	3,675,419.18	7,240,855.23	3,675,419.18
Accounts receivable	Dalian Bingshan Wisdom Park Co., Ltd	4,862,268.00	34,331.21		
Accounts receivable	Dalian Fuji Bingshan Intelligent Control System Co., Ltd.	325,500.00	22,850.10	140,000.00	9,828.00
Accounts receivable	Alphavita Bio-scientific (Dalian) Co., Ltd.	849,060.12	59,604.02	796,179.45	55,891.80
Accounts receivable	Dalian Fuji Bingshan Vending Machine Co., Ltd	3,048,771.59	214,023.77	6,782,271.29	476,115.44
Accounts receivable	Wuhan Sikafu Power Control Equipment Co., Ltd			36,484.00	2,561.18
Contract assets	Panasonic Refrigeration System (Dalian) Co., Ltd.	307,000.00	21,551.40	72,500.00	5,089.50

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Contract assets	Dalian Bingshan Group Refrigeration Equipment Co., Ltd.	75,000.00	12,555.00	75,000.00	5,265.00
Prepayment	Panasonic Refrigeration (Dalian) Co., Ltd	540,000.00			
Prepayment	Panasonic Appliances Cold Chain (Dalian) Co., Ltd	3,938.00		3,938.00	
Prepayment	Panasonic Refrigeration System (Dalian) Co., Ltd.	403,290.00		343,673.53	
Prepayment	BAC Dalian Co., Ltd	205,296.00			
Prepayment	Dalian Bingshan Group Refrigeration Equipment Co., Ltd.	421,735.10		222,875.00	
Prepayment	Jiangsu JingXue Insulation Technology Co.,Ltd	1,021,506.00		6,397,458.41	
Prepayment	Dalian Kaierwen science Co., Ltd	24,700.00		1,445,000.00	
Prepayment	Dalian Bingshan Wisdom Park Co., Ltd			114,756.00	
Prepayment	Dalian Spindle Cooling Towers Co., Ltd			207,390.00	
Receivable financing	BAC Dalian Co., Ltd	12,764,203.50		10,501,112.93	
Receivable financing	Panasonic Refrigeration System (Dalian) Co., Ltd.	2,452,032.93		6,185,494.14	
Receivable financing	Panasonic Appliances Cold Chain (Dalian) Co., Ltd	15,130,000.00		16,320,000.00	
Receivable financing	Panasonic Refrigeration (Dalian) Co., Ltd	0.00		5,049,112.09	
Receivable financing	Panasonic Appliances Compressor (Dalian) Co., Ltd			1,025,446.21	
Receivable financing	Dalian Fuji Bingshan Vending Machine Co., Ltd			494,341.48	
Notes receivable	Panasonic Refrigeration (Dalian) Co., Ltd	2,348,753.70		4,125,319.49	289,597.43

Notes receivable	Panasonic Appliances Cold Chain (Dalian) Co., Ltd			6,400,000.00	449,280.00
Other receivable	Panasonic Refrigeration System (Dalian) Co., Ltd.	1,121,009.34	73,314.02		

## (2) Accounts Payable due from Related Party

Item	Related party	Closing Balance	Opening Balance
Accounts Payable	Dalian Bingshan Part Technology Co., Ltd.	1,450,562.24	1,988,696.08
Accounts Payable	Panasonic Refrigeration System (Dalian) Co., Ltd.	1,100,042.93	1,207,795.95
Accounts Payable	Panasonic Appliances Cold Chain (Dalian) Co., Ltd	12,490.04	7,109,782.64
Accounts Payable	Panasonic Appliances Compressor (Dalian) Co., Ltd	1,832,555.98	1,805,998.72
Accounts Payable	Panasonic Appliances Air-conditioning and Refrigeration (Dalian) Co., Ltd.	20,028,040.93	14,096,385.66
Accounts Payable	Dalian Fuji Bingshan Vending Machine Co., Ltd.	1,766,726.77	
Accounts Payable	Dalian Fuji Bingshan Vending Machine Sales Co., Ltd.	414,000.00	414,000.00
Accounts Payable	Dalian Spindle Cooling Towers Co., Ltd.	1,035,984.00	695,784.00
Accounts Payable	BAC Dalian Co., Ltd	26,981,503.45	24,377,268.45
Accounts Payable	Dalian Bingshan Group Refrigeration Equipment Co., Ltd.	4,729,555.03	5,805,008.65
Accounts Payable	Jiangsu JingXue Insulation Technology Co.,Ltd	5,155,057.78	4,542,624.08
Other accounts payable	MHI Bingshan Refrigeration (Dalian) Co., Ltd.	170,000.00	170,000.00
Other accounts payable	Dalian Bingshan Group Co., Ltd		800,000.00
Other accounts payable	Jiangsu JingXue Insulation Technology Co.,Ltd		70,000.00
Contract liability	Panasonic Appliances Cold Chain (Dalian) Co., Ltd	87,977.15	87,977.15
Contract liability	Dalian Fuji Bingshan Vending Machine Co., Ltd.	1,877,057.65	
Contract liability	Dalian Spindle Cooling Towers Co., Ltd.		1,769,911.50
Contract liability	Panasonic Appliances Air-conditioning and Refrigeration (Dalian) Co., Ltd.		10,752,300.88
Contract liability	Wuhan Sikafu Power Control Equipment Co., Ltd	76,228.67	
Notes Payable	Panasonic Appliances Compressor (Dalian) Co., Ltd	100,000.00	
Notes Payable	Panasonic Appliances Cold Chain (Dalian) Co., Ltd	1,657,321.00	1,657,321.00
Notes Payable	Dalian Spindle Cooling Towers Co., Ltd	55,000.00	150,000.00

Notes Payable	Dalian Bingshan Group Refrigeration Equipment Co., Ltd.	8,404,355.33	8,124,711.01
Notes Payable	Jiangsu JingXue Insulation Technology Co.,Ltd	924,445.75	
Notes Payable	BAC Dalian Co., Ltd		869,502.00
Notes Payable	Panasonic Appliances Air-conditioning and Refrigeration (Dalian) Co., Ltd.		112,010.00
Notes Payable	Dalian Bingshan Pate Technology Co.,Ltd	400,000.00	1,600,000.00
Long term payable	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd..	19,653,630.85	26,779,556.16

**(II) Related Party Commitment**

None

**XIII.****1.Contingency**

As at 30 June 2021, the Company does not have any other contingencies for disclosure.

**2. Commitment**

As at 30 June 2021, the Company does not have any other significant commitments.

**XIV.. Events after the Balance Sheet Date****(1)Contingency**

As at 30 June 2021, the Company does not have any other contingencies for disclosure.

**(2)Commitment**

As at 30 June 2021, the Company does not have any other significant commitments.

**(3)Other event**

Except the subsequent event disclosed above, the Company has no other significant subsequent event.

**XV. Other Significant Events****1. Debt Restructuring**

<b>Restructuring</b>	<b>Book Value of debt</b>	<b>Gain on debt restructuring</b>	<b>Capital increase</b>
Debts settled by asset			
Debt transfer into equity instrument			
Amendment to other debt condition	24,563,327.30	531,903.00	
Hybrid restructuring			

Note: Through friendly negotiation, the Company's subsidiary Wuhan New World Refrigeration Industry Co., LTD and wuhan Kaiping Industrial Equipment Co., LTD and other suppliers have reached an agreement that the supplier will voluntarily reduce part of the total debts of Wuhan New World Refrigeration Industry Co., LTD by RMB 531,903.00.

**2. Segment Information**

The management of the Company divided the Company into 3 segments based on the geographic area: Northeast China, Central China, and East China. The Northeast is the Company's general headquarters and

the registered address. The Central is the subsidiary of the Company, Wuhan New World Refrigeration Industrial Co., Ltd, Wuhan Lanning Energy Technology Co., Ltd, and Chengdu Bingshan Refrigeration Engineering Co., Ltd. The East is the subsidiary of the Company, Ningbo Bingshan Air-conditioning Refrigeration Engineering Co., Ltd.

(1) The basis and accounting policies of reporting segments

The internal organization structure, management requirements and internal report scheme are the determination basis for the Company to set the operating segments. The segments are those satisfied the following requirements.

- 1).The segment can generates revenue and incur expenses.
- 2).The management personnel can regularly evaluate the operation results of segments and allocate resource ,assess its performance .
- 3).The financial situation, operation results, cash flow and other accounting information of segments can be acquired.

The Company confirms the report segments based on the operating segments. The transfer price among segments is set base on the market price. The assets and related expenses in common use are allocated to different segments based on their proportion of revenue.

(2)The financial information of reporting segments

Amount unit : Ten thousand yuan

Items	30-06-2021/2021.01-06				
	Northeast China	Central China	East China	Offset	Total
1 Operating income	122,879.28	12,410.86	641.77	-26,503.35	109,428.56
2 Cost	109,698.99	10,824.29	541.72	-26,024.53	95,040.48
Impairment loss on assets	18.50	-120.21	0.06		-101.66
Impairment loss on credit	-779.83	-10.03	26.31		-763.54
Depreciation and amortization	3,638.93	417.77			4,056.69
3 Investment income from associates and joint venture	2,215.72	-107.14			2,108.58
4 Operating profits(loss)	-114.17	-1,303.85	-21.12		-1,439.14
5 Income tax	306.12	-61.22	6.59		251.50
6 Net profit(loss)	-420.29	-1,242.64	-27.71		-1,690.64
7 Total assets	643,064.85	53,425.05	1,773.74	-106,197.19	592,066.45
8 Total liabilities	241,649.44	35,776.18	912.58	-31,323.00	247,015.21

## XVI. Notes to the Main Items of the Financial Statements of Parent Company

### 1. Accounts receivable

## (1) Accounts receivable category

Item	Closing Balance				
	Booking balance		Provision		Booking balance
	Amount	%	Amount	%	
Accounts receivable with significant individual amount and separate bad debt provision	466,351,893.54	100.00	69,268,038.34	14.85	397,083,855.20
Accounts receivable with bad debt provision based on the characters of credit risk portfolio					
Accounting age as characters	301,803,732.77	35.28	69,268,038.34	22.95	232,535,694.43
Related party within consolidation scope	164,548,160.77	64.72			164,548,160.77
Accounts receivable with insignificant individual amount and separate bad debt provision					
<b>Total</b>	466,351,893.54	100.00	69,268,038.34	14.85	397,083,855.20

(Continued)

Item	Opening Balance				
	Booking balance		Provision		Booking balance
	Amount	%	Amount	%	
Accounts receivable with significant individual amount and separate bad debt provision	474,709,875.38	100.00	66,083,949.47	13.92	408,625,925.91
Accounts receivable with bad debt provision based on the characters of credit risk portfolio					
Accounting age as	250,449,415.13	52.76	66,083,949.47	26.39	184,365,465.66

Item	Opening Balance				Booking balance
	Booking balance		Provision		
	Amount	%	Amount	%	
characters					
Related party within consolidation scope	224,260,460.25	47.24			224,260,460.25
Accounts receivable with insignificant individual amount and separate bad debt provision					
<b>Total</b>	474,709,875.38	100.00	66,083,949.47	13.92	408,625,925.91

Items	Closing Balance		
	Booking balance	Provision	%
Expected credit losses within 1 year	173,207,981.34	12,159,200.29	7.02
Expect credit losses of 1-2 years	51,811,899.56	8,673,311.99	16.74
Expect credit losses of 2-3 years	24,026,524.46	7,407,377.49	30.83
Expect credit losses of 3-4 years	12,780,988.18	6,304,861.47	49.33
Expect credit losses of 4-5 years	18,861,946.60	13,608,894.47	72.15
Expect credit losses more than 5 years	21,114,392.63	21,114,392.63	100.00
<b>Total</b>	301,803,732.77	69,268,038.34	--

(1) The bad debt provisions of accounts receivable in the portfolio is accrued under accounting aging analysis method:

Aging	Closing Balance
Within 1 year	337,756,142.11
1 to 2 years	51,811,899.56
2 to 3 years	24,026,524.46
More than 3 years	52,757,327.41
3 to 4 years	12,780,988.18
4 to 5 years	18,861,946.60
More than 5 years	21,114,392.63
<b>Total</b>	466,351,893.54

(2) Bad debt provision accrued and reversed (withdraw)

Category	Opening balance	Change during the year			Closing Balance
		Accrued	Collected/ reversed	Written-off	
Bad debt provision	66,083,949.47	3,728,098.72	40,000.00	584,009.85	69,268,038.34
<b>Total</b>	<b>66,083,949.47</b>	<b>3,728,098.72</b>	<b>40,000.00</b>	<b>584,009.85</b>	<b>69,268,038.34</b>

(3) No accounts receivable written off in current period.

Item	Written off amount

Item	Written off amount
Receivable actually written off	584,009.85

(4) The top five significant accounts receivable categorized by debtors

Company	Closing Balance	% of the total AR	Closing Balance of Provision
Xinyi Yuanda Construction and Installation Engineering Co., Ltd.	32,748,744.00	7.02	25,281,907.38
Qingcheng Zhongyi Energy Co., Ltd	26,600,000.00	5.70	4,452,840.00
Ningxia Wangwa Coal Co., Ltd.	13,631,495.12	2.92	4,753,451.22
Beidahuang Taihua Organic Food Co. Ltd	9,615,000.00	2.06	2,964,304.50
Guangzhou R&F Real Estate Co., LTD	5,598,148.15	1.20	2,761,566.48
<b>Total</b>	<b>88,193,387.27</b>	<b>18.90</b>	

## 2. Other Receivables

Item	Closing Balance	Opening Balance
Interest receivable	681,304.44	46,879.68
Dividend receivable	8,430,838.28	
Other receivable	5,913,239.35	41,136,517.46
<b>Total</b>	<b>15,025,382.07</b>	<b>41,183,397.14</b>

### 2.1 Interest receivable

(1) Interest receivable category

Item	Closing Balance	Opening Balance
Interest on term deposits	681,304.44	46,879.68
Interest on bank financial product		
<b>Total</b>	<b>681,304.44</b>	<b>46,879.68</b>

### 1.2 Dividend receivable

Item	Closing Balance	Opening Balance
Panasonic Refrigeration (Dalian) Co., Ltd	640,000.00	
Dalian Honjo Chemical Co., Ltd	561,233.80	
Guotai Junan Securities Co., Ltd.	7,229,604.48	
<b>Total</b>	<b>8,430,838.28</b>	

### 2.3 Other receivable

(1) Other receivables categorized by nature

Nature	Closing Balance	Opening Balance
Equity transfer fund	0.00	36,263,700.00

Deposits	2,438,302.00	3,640,939.00
Petty cash	733,627.61	557,035.76
Guarantee deposits	6,362,534.71	5,697,595.21
<b>Total</b>	<b>9,534,464.32</b>	<b>46,159,269.97</b>

## (2) Provision for bad debts

Provision for bad debts	The first phase	The second phase	The third phase	Total
	Expected credit losses in the next 12 months	Expected Credit Loss for the duration (No Credit Devaluation)	Expected Credit Loss for the duration (Credit impairment has occurred)	
Balance on January 1, 2021	5,022,752.51			5,022,752.51
The balance of January 1, 2021 in the current period				
Provision for bad debts	-1,401,527.54			-1,401,527.54
Balance on June 30, 2021	3,621,224.97			3,621,224.97

The bad debt provisions of other receivables in the portfolio is accrued under accounting aging analysis method

Aging	Closing Balance
Within 1 year	3,623,574.61
1 to 2 years	1,328,441.00
2 to 3 years	968,247.71
More than 3 years	3,614,201.00
4 to 5 years	2,415,636.00
More than 5 years	1,198,565.00
<b>Total</b>	<b>9,534,464.32</b>

## (3) Bad debt provision accrued and reversed (withdraw) in the period.

.Category	Opening balance	Change during the year			Closing Balance
		Accrued	Collected/reversed	Written-off	
Bad debt provision	5,022,752.51		1,401,527.54		3,621,224.97
<b>Total</b>	<b>5,022,752.51</b>		<b>1,401,527.54</b>		<b>3,621,224.97</b>

## (4) Other receivables from the top 5 debtors

Name	Category	Closing Balance	Aging	% of the total OR	Closing Balance of Provision
Dalian Huali Coating Equipment Co., Ltd.	Outstanding debtor	1,650,000.00	4-5 years	17.31	1,170,015.00
Dalian Delta HK China gas Co., Ltd.	Security deposit	1,100,000.00	Over 5 years	11.54	1,100,000.00
Xinjiang Oriental Hope New Energy Co., LTD	Security deposit	1,000,000.00	Within 1 year	10.49	65,400.00
Dalian Changde Welding Co.,Ltd	Outstanding debtor	765,636.00	4-5 years	8.03	542,912.49
Xinjiang Tbea Electrical Engineering Project Management Co., LTD	Security deposit	400,000.00	Within 1 year	4.20	26,160.00
<b>Total</b>		<b>4,915,636.00</b>		<b>51.57</b>	<b>2,904,487.49</b>

## 3. Long-term equity investments

## Category of long-term equity investments

Item	Closing Balance			Opening Balance		
	Closing Balance	Provision	Book Value	Opening Balance	Provision	Book Value
Investment of subsidiaries	687,496,652.08		687,496,652.08	687,496,652.08		687,496,652.08
Investment of affiliates and JV	1,603,006,769.97		1,603,006,769.97	1,592,881,328.96		1,592,881,328.96
<b>Total</b>	<b>2,290,503,422.05</b>		<b>2,290,503,422.05</b>	<b>2,280,377,981.04</b>		<b>2,280,377,981.04</b>

## (1) Investments of subsidiaries

Subsidiaries names	Opening Balance	Increase	Decrease	Closing Balance
Dalian Bingshan Group Construction Co., Ltd	193,749,675.77			193,749,675.77
Dalian Bingshan Group Sales Co., Ltd	20,722,428.15			20,722,428.15
Dalian Bingshan Air-Conditioning Equipment Co., Ltd	36,506,570.00			36,506,570.00
Dalian Bingshan Guardian Automation Co., Ltd.	6,872,117.80			6,872,117.80
Dalian Bingshan Ryosetsu Quick Freezing Equipment Co., Ltd.	59,356,051.19			59,356,051.19
Dalian Universe Thermal Technology Co., Ltd.	48,287,589.78			48,287,589.78
Wuhan New World Refrigeration Industrial Co., Ltd	184,674,910.81			184,674,910.81
Bingshan Technical Service (Dalian) Co.,Ltd.	22,024,000.00			22,024,000.00
Dalian New Meica Electronics Co., Ltd.	43,766,243.72			43,766,243.72
Dalian Bingshan Engineering & Trading Co., Ltd.	71,537,064.86			71,537,064.86
<b>Total</b>	<b>687,496,652.08</b>			<b>687,496,652.08</b>

## (2) Joint ventures&amp; affiliated companies

Investee	Beginning balance	Increase/Decrease								Ending balance	Provision for impairment at year end
		Increased	Decreased	Gains and losses recognized under the equity method	Adjustment of other comprehensive income	Changes of other equity	Cash bonus or profits announced	Provision for impairment of the current period	Others		
1. Affiliated companies											
Panasonic Appliances Air-conditioning and Refrigeration (Dalian) Co., Ltd.	172,549,678.96			-14,304,960.25			1,280,000.00			156,964,718.71	
Panasonic Appliances Cold-chain (Dalian) Co., Ltd	274,533,413.30			661,139.89			2,797,849.22			272,396,703.97	
Panasonic Appliances Compressor (Dalian) Co., Ltd	465,818,897.98			22,044,812.17			32,773,200.00			455,090,510.15	
Dalian Honjo Chemical Co., Ltd	8,746,197.03			355,303.63			561,233.80			8,540,266.86	
Songzhi Ocean Thermal Technology (Dalian) Co., Ltd	55,934,955.38			3,041,137.66						58,976,093.04	
Beijing Huashang Bingshan Refrigeration and Air-conditioning Machinery Co., Ltd	2,121,951.69			-37,039.35						2,084,912.34	
Dalian Fuji Bingshan Vending Machine Co., Ltd	184,454,138.22			-9,141,058.73						175,313,079.49	
MHI Bingshan Refrigeration (Dalian) Co.,Ltd.	14,891,119.67			1,697,477.05						16,588,596.72	
Dalian Fuji Bingshan Vending Machine Sales Co., Ltd	43,546.35			-43,520.00						26.35	
Jiangsu JingXue Insulation Technology Co.,Ltd	203,208,828.97			3,558,478.80		-16,123,970.29				190,643,337.48	
Panasonic Refrigeration System (Dalian) Co., Ltd.	37,420,055.26			1,840,988.29			3,895,484.27			35,365,559.28	
Bingshan Metal Technical Service (Dalian) Co.,Ltd.	173,158,546.15			11,535,446.10						184,693,992.25	
Dalian Bingshan Group Huahuida Finance Leasing Co. LTD		45,400,000.00		948,973.33						46,348,973.33	
Total	1,592,881,328.96	45,400,000.00		38,845,178.59		-16,123,970.29	41,307,767.29			1,603,006,769.97	

## 4. Operating revenue and cost

Item	2021.01-06		2020.01-06	
	Revenue	Cost	Revenue	Cost
Revenue from main operation	385,929,620.18	336,469,117.09	401,973,100.61	346,387,083.54
Revenue from other operation	20,551,816.12	13,934,076.36	19,564,567.55	13,444,729.68
<b>Total</b>	<b>406,481,436.30</b>	<b>350,403,193.45</b>	<b>421,537,668.16</b>	<b>359,831,813.22</b>

## 5. Investment income

Items	2021.01-06	2020.01-06
Income from long-term equity investments under cost method		8,185,883.28
Income from long-term equity investments under equity method	22,157,178.59	17,295,970.66
Income from holding of other non-current financial assets	7,229,604.48	6,126,903.12
<b>Total</b>	<b>29,386,783.07</b>	<b>31,608,757.06</b>

## XVII. Supplementary Information to the Financial Statements

## 1. Non-operating profit or loss

item	Amount
Disposal gains and losses of non-current asset	8,393.93
Government subsidies included in current profit or loss	914,454.99
Income from changes in fair value during the period of holding financial assets available for sale and income from disposal of financial assets available for sale	-5,034,903.12
Other non-operating revenue or expense	1,377,409.33
Influence on income tax	-370,653.73
Influence on minority shareholders	337,544.26
<b>Total</b>	<b>-2,701,535.40</b>

## 2. Return on equity and earnings per share

Profit of report period	Weighted average return on net assets (%)	Earnings per share (EPS)	
		Basic EPS	Diluted EPS
Net profit attributable to shareholders of parent company	-0.43%	-0.017	-0.017
Net profit after deducting non-recurring gains and losses attributable to shareholders of parent company	-0.36%	-0.014	-0.014