



股份代號 Stock Code: 1133

哈爾濱動力設備股份有限公司  
Harbin Power Equipment Company Limited



**ANNUAL REPORT 2009**  
二零零九年年報

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## 公司簡介

### Overview of the Company

哈爾濱動力設備股份有限公司(「本公司」)是由中華人民共和國(「中國」)製造大型發電設備歷史最悠久的製造商—哈爾濱電氣集團公司(原哈爾濱電站設備集團公司)及其所屬原哈爾濱電機廠、哈爾濱鍋爐廠、哈爾濱汽輪機廠(「三大動力」)重組而成。「三大動力」始建於二十世紀五十年代。本公司於一九九四年十月六日在中國哈爾濱註冊成立。一九九四年十二月十六日，其股票在香港聯合交易所(「香港聯交所」)上市交易。

於二零零九年十二月三十一日，本公司總股本為1,376,806,000股，其中在香港聯交所流通的H股為675,571,000股。

本公司及其附屬公司(「本集團」)是中國國內規模最大的發電設備製造商之一，其主要業務包括：

- 火電主機設備：單機容量最大達1,000MW之鍋爐、汽輪機及汽輪發電機，重型燃氣輪機及聯合循環成套設備，中國之最大清潔煤燃燒設備製造基地、CFB、PFBC等
- 水電主機設備：單機容量最大達800MW級之水力發電機組
- 核電主機設備：核電廠核島及常規島設備
- 其他產品：電站配套輔機、工業鍋爐、工業汽輪機、控制設備、交流電機、直流電機、電站閥門、壓力容器及軸流風機等
- 電站工程總承包

Harbin Power Equipment Company Limited (the “Company”) was formed through the restructuring of Harbin Electric Corporation (formerly known as Harbin Power Plant Equipment Group Corporation), which is the oldest large-scale power plant equipment manufacturer in the People’s Republic of China (the “PRC”) and its three affiliates: Harbin Electrical Machinery Works, Harbin Boiler Works and Harbin Turbine Works (“the three major power factories”). These three major power factories were established in the 1950s. The Company was established in Harbin, PRC on 6th October, 1994. The dealings in the shares of the Company on the Stock Exchange of Hong Kong Limited (the “HKSE”) commenced on 16th December, 1994.

As at 31st December, 2009, the total share capital of the Company comprised of 1,376,806,000 shares, of which 675,571,000 shares were circulated on the HKSE as H shares.

The Company and its subsidiaries (the “Group”) are the largest manufacturer of power plant equipment in the PRC. The Group’s principal activities include:

- Thermal power main equipments: boilers, steam turbines and steam turbine generators with single unit capacity up to 1,000 MW, heavy-duty gas turbine and combined cycle units, the largest manufacturing base for clean coal combustion equipment in the PRC, CFB, PFBC, etc.
- Hydro power main equipments: hydro power generators unites with single unit capacity up to 800 MW class
- Nuclear power main equipments: nuclear island and conventional island equipments for nuclear power plants
- Other products: ancillary equipment for power stations, industrial boilers, industrial steam turbines, control devices, AC/DC motors, valves for power stations, pressure vessels and axial compressor, etc.
- Turn-key construction of power station projects

## 公司簡介(續) Overview of the Company (continued)

- 火電及水電設備成套服務
- 電站設備進出口業務
- 成套發電設備的工程化技術研究與開發
- 成套發電設備的系統研究與開發
- 發電設備及其配套產品的研究與開發
- 技術轉讓、技術諮詢和技術服務
- 環保工程業務等

本集團擁有先進的生產和科研試驗設備，其研究開發能力、生產製造能力和電站承建能力在中國發電設備製造商中位居前列。

本集團地處聞名中外的中國哈爾濱，被譽為「動力之鄉」。

- Contract supply of complete sets of thermal and hydro power equipment
- Import and export of equipment for power stations
- Engineering technology R&D of complete set of power equipment
- System R&D of complete set of power equipment
- R&D of power equipment and its ancillary equipment
- Technology transfer, technical consultation and services
- Environmental protection engineering services, etc.

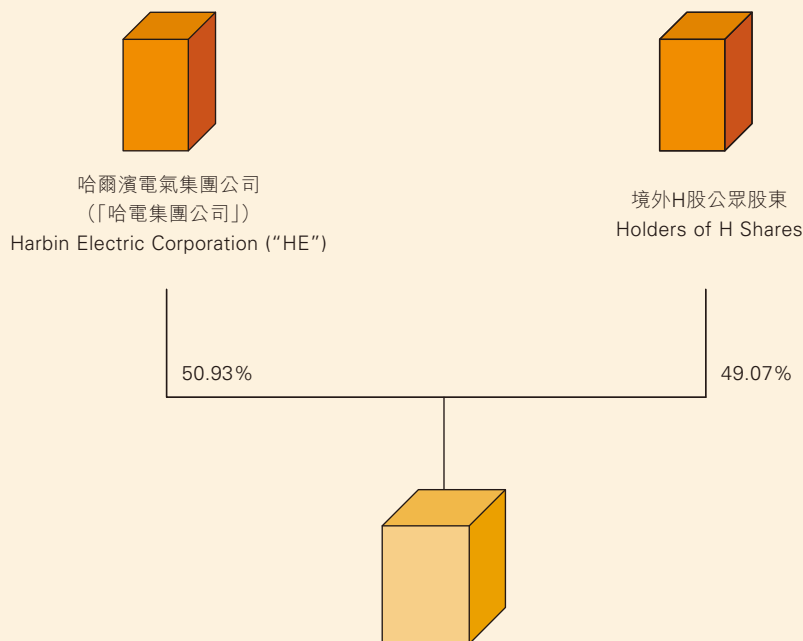
The Group possesses a comprehensive range of advanced production and research facilities. Its capabilities in research and development, production and manufacturing and power station construction are among the best in the power plant equipment manufacturing industry in the PRC.

The Group is located in Harbin, PRC, which is known as the “City of the Power”.

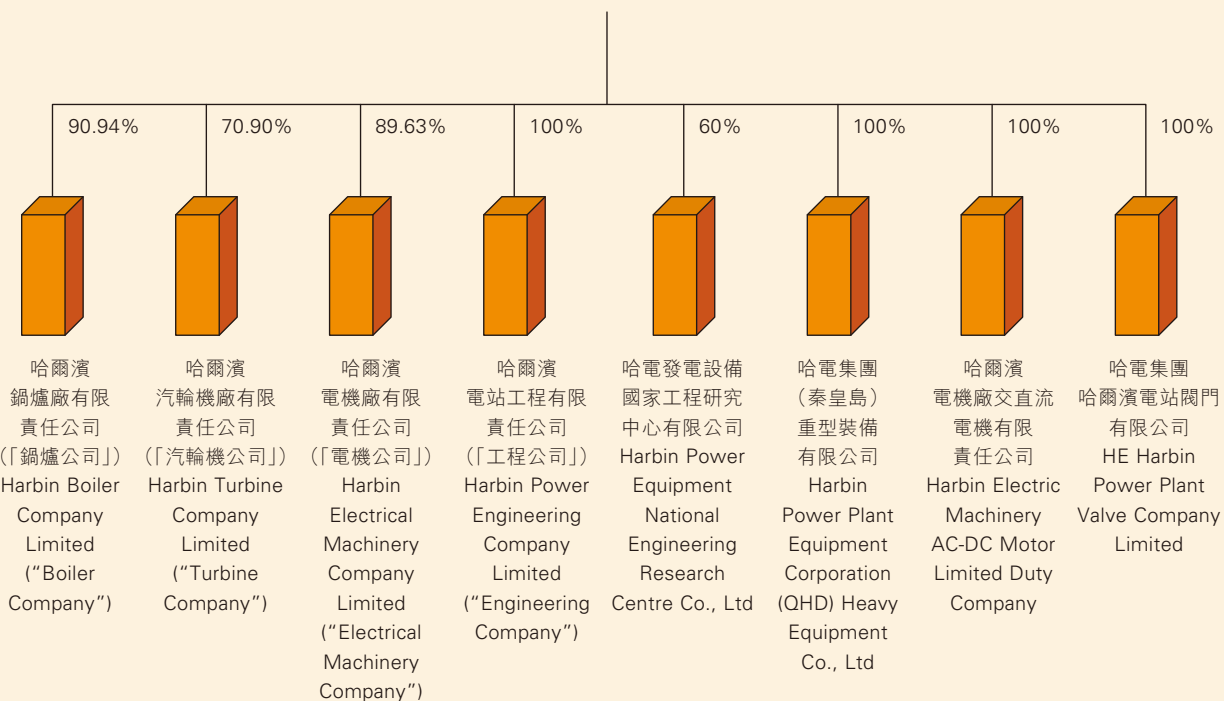
# 公司簡介(續) Overview of the Company (continued)

## 公司架構及主營業務

## CORPORATE STRUCTURE AND MAIN BUSINESS LINE

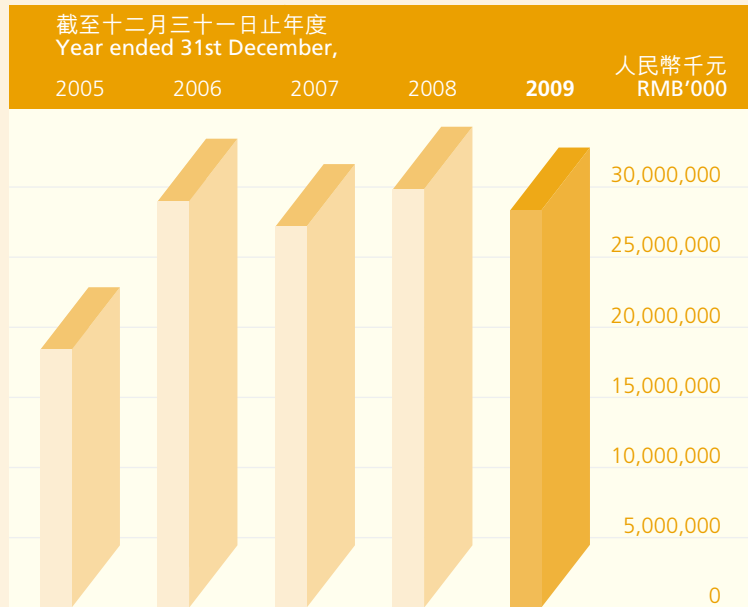


### 哈爾濱動力設備股份有限公司(「本公司」) Harbin Power Equipment Company Limited (the "Company")

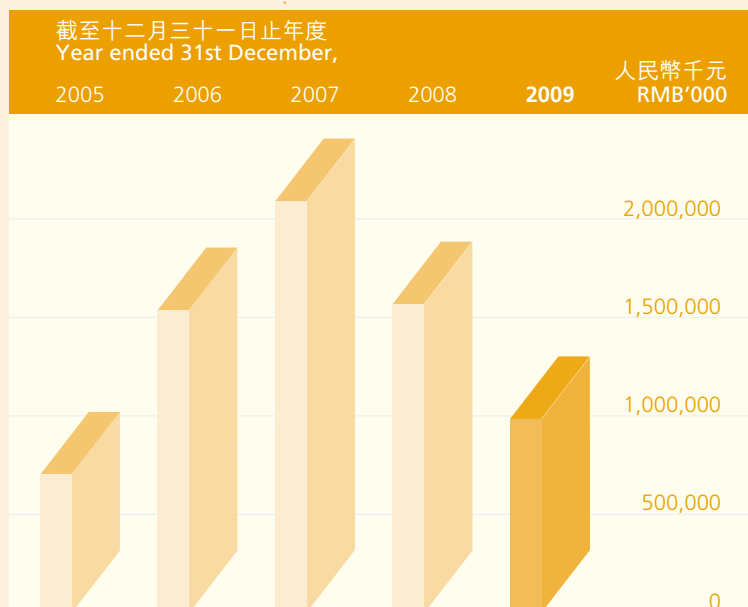


# 財務摘要 Financial Highlights

## 營業額 Turnover



## 年度盈利 Profit for the year



## 財務摘要 (續) Financial Highlights (continued)

本集團五年之業績、資產及負債概列如下：

The summary of results, assets and liabilities of the Group for the last five years are as follows:

	Unit 單位	截至十二月三十一日止年度 Year ended 31st December,				
		2009	2008	2007	2006	2005
營業額 Turnover	人民幣千元 Rmb'000	<b>28,629,522</b>	29,903,544	27,648,584	29,098,016	18,464,106
除稅前溢利 Profit before tax	人民幣千元 Rmb'000	<b>984,512</b>	1,573,247	2,115,820	1,543,573	696,125
本年淨利潤 Net profit for the year	人民幣千元 Rmb'000	<b>606,206</b>	1,041,837	1,527,979	1,024,581	464,990
資產總值 Total assets	人民幣千元 Rmb'000	<b>52,876,381</b>	48,966,625	42,090,490	37,444,548	36,448,887
負債總值 Total liabilities	人民幣千元 Rmb'000	<b>42,659,119</b>	39,398,700	33,678,080	31,665,150	31,924,207
少數股東權益 Minority interests	人民幣千元 Rmb'000	<b>1,578,236</b>	1,431,845	1,199,417	947,931	640,052
股東權益 Shareholders' equity	人民幣千元 Rmb'000	<b>8,639,026</b>	8,136,080	7,212,993	4,831,467	3,884,628
每股淨資產 Net assets per share	人民幣元 Rmb	<b>6.27</b>	5.91	5.24	3.79	3.05
每股盈利 Earnings per share	人民幣元 Rmb	<b>0.44</b>	0.757	1.123	0.804	0.389

## 財務摘要 (續) Financial Highlights (continued)

### 主要業務

本公司主要作為投資控股公司並提供企業管理服務予其附屬公司。

### PRINCIPAL ACTIVITIES

The Company acts as an investment holding company and provides corporate management services to its subsidiaries.

按主要產品分類營業額及營業利潤貢獻 Turnover and contribution to operating profit by major product categories	截至2009年12月31日止年度 Year ended 31st December, 2009		截至2008年12月31日止年度 Year ended 31st December, 2008	
	營業額 Turnover	營業利潤 Contribution to operating profit	營業額 Turnover	營業利潤 Contribution to operating profit
	人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000
火電主機設備 Main thermal power equipment	19,220,791	2,572,874	20,493,133	3,042,982
水電主機設備 Main hydro power equipment	1,893,429	437,991	2,863,250	658,649
電站工程服務 Engineering services for power stations	4,299,673	(60,962)	3,446,168	(346,162)
電站輔機及配套設備 Ancillary equipment for power stations	1,251,301	316,106	1,161,006	299,577
交直流電機及其他產品與服務 AC/DC motors and other products and services	1,964,328	399,498	1,939,987	352,034
	<b>28,629,522</b>	<b>3,665,507</b>	<b>29,903,544</b>	<b>4,007,080</b>
其他業務收益 Profit from other activities		213,690		340,580
未分配到主要產品之費用 Expenses not allocated to major products		2,894,685		2,774,413
稅前溢利 Profit before tax		<b>984,512</b>		1,573,247



# 董事長報告書

## Chairman's Statement



尊敬的各位股東：

本人代表哈爾濱動力設備股份有限公司董事會欣然向各位股東提呈本公司截至2009年12月31日止之年度報告，同時對各位股東的支持致以誠摯的謝意。

2009年，在世界經濟環境複雜多變的條件下，中國經濟保持了總體回升向好的態勢，實現了GDP增長超過8%的預定目標。進入2009年下半年，全國電力生產和消費增速回升，電力建設投資增幅加大，在常規水火電項目佔市場需求比例下降的同時，核電、風電等新型能源產品成為市場競爭的焦點，國際市場需求仍然旺盛，對發電設備製造企業提出了更新、更高的要求，展現了廣闊的發展空間。

2009年，公司管理層針對市場形勢變化，及時調整經營策略，以核電產品和國際市場開發為重點，取得了較好的業績。全年實現銷售收入286.29億元，實現淨溢利6.06億元。新簽正式合同416.77億元人民幣，其中，核電產品訂單62.36億元，出口產品訂單184.72億元，均創公司歷史新高。

Dear shareholders,

I am pleased to present the Company's annual report for the year ended 31st December, 2009 to all shareholders on behalf of the board of directors of Harbin Power Equipment Company Limited and wish to take this opportunity to express my sincerest appreciation to the support of all shareholders.

In 2009, the world economy saw substantial changes and was full of uncertainties, but Chinese economy maintained an overall recovery with GDP exceeding its 8% target. During the second half of 2009, both power generation and consumption recovered across China and there were more power construction and investment. While market demands for traditional thermal and hydro power started to fall, new energy products such as nuclear and wind power became the epicenter of market competition with consistently strong demands across the globe. This has raised new and higher requirements for power plant equipment manufacturers, but at the same time offers more room for their development.

In view of the changes in the market environment in 2009, the Company's management has timely adjusted the operating strategies and focused on nuclear power products and the expansion of its international markets. As a result, the Company achieved satisfying results for the year, generating sales income of Rmb28,629 million and net profit of Rmb606 million. Newly signed contracts amounted to Rmb41,677 million, with contracts of both nuclear power products and exported products hitting the Company's records, valuing Rmb6,236 million and Rmb18,472 million, respectively.

## 董事長報告書(續) Chairman's Statement (continued)

我們注意到，2009年受各方面因素的影響，公司的經營規模和盈利水平產生了一定程度的波動，公司正處在發展中的調整期。為適應市場需求變化需要，公司加大了科技投入，全年共投入科研開發經費7.84億元，取得數十項專利和省部級及以上科研成果。

公司全面啟動了內控評審項目，加強企業內控體系建設，並計劃在未來的兩到三年內繼續完善，提升公司的管理品質和抗風險能力。

我們欣喜地看到，公司在核電和大型、高效水火電機組的開發方面取得了重大進展，核電產品新接訂單佔比已接近15%，大型水電技術保持了國際先進水平，大型超超臨界火電機組的國產化工作已接近完成。組建了現代製造服務產業公司，以期發展電站維修改造業務，具有較大發展前景的其他新產品的開發與研究工作正在有序推進。秦皇島基地等一批核電技改項目將在2010年全面投入使用。

2010年，公司將面臨著更加嚴峻的挑戰。市場對高效、環保和新能源產品的需求對公司的技術進步和創新能力提出了更高的要求；新產品特別是核電產品的增加，對公司的生產組織和成本控制能力提出了更高的要求；經濟環境多變、國際市場的不確定性，對公司的管理水平和抗風險能力提出了更高的要求。此時，在憧憬美好未來的同時，我們深知道路的艱難和責任的重大。

We have noticed that the Company's operation scale and profitability have been partly affected by various factors in 2009. The Company is now in the correction phase. To accommodate changes in market demands, the Company has increased its input in science and technology. During the year, the Company invested a total of Rmb784 million in R&D projects, which helped it achieve dozens of patents and national and provincial awards for scientific achievements.

In order to enhance its internal control system, the Company has initiated an internal control review program throughout the organization. In the next two to three years, the Company will continue to improve this program to enhance its management quality and anti-risk capability.

We are pleased that many projects have been completed or near completion. The Company has achieved great development in its nuclear power products as well as large-scale and high-efficient thermal and hydro power units. The newly signed contract value for nuclear power products has increased to nearly 15% of the total contract value. The Company's technology in large-scale hydro power projects is still at international level and it is about to launch the domestically made large-scale super critical thermal power units. In addition, the Company has set up a manufacturing and services company 現代製造服務產業公司 for the purpose of repairing and upgrading power plants. Other new products with high potentials are also undergoing different R&D stages. In 2010, all of the Qinhuangdao base's nuclear power products with upgraded technologies will be put into use.

In 2010, the Company will encounter much serious challenges. Firstly, higher market demands for high-efficient, environmental and new energy-related products require the Company to further enhance its technologies and innovation capacity. Secondly, the emergence of more new products, nuclear power products in particular, requires the Company to better improve its production structure and control costs. Thirdly, changes in the economic environment and uncertainties surrounding the global market require the Company to further strengthen its management and anti-risk capabilities. Although believing in a bright future, we recognize the obstacles ahead and the responsibilities on our shoulders.

## 董事長報告書(續) Chairman's Statement (continued)

我深深地感受到了公司全體同仁和各位股東對公司發展的殷切希望，我將同公司全體同仁一起堅定信心，精心策劃，銳意創新，努力實踐，為打造「中國最好、世界一流」的發電設備企業而奮鬥，用優異的業績回報各位股東。

董事長

宮晶堃

於中國·哈爾濱，二零一零年四月九日

I deeply understand the strong expectations from all of our staff and shareholders. It is the Company and my belief to make meticulous planning, innovate and put into practice the most possible ideas. In order to award our shareholders with excellent corporate results, we will fight hard to become the best in China and one of the leading power equipment enterprises in the world.

*Chairman*

**Gong Jing-kun**

Harbin, the PRC, 9th April, 2010

# 管理層論述與分析

## Management Discussion and Analysis

(貨幣名稱除特殊標註外均為人民幣)  
(Unless otherwise stated, all amounts are denominated in Renminbi)

在閱讀本部分內容之時，請同時參閱本年報其他部分所載之財務報表及附註。

### 宏觀經濟與行業發展

2009年是新世紀以來我國經濟發展最為困難的一年，在世界經濟嚴重衰退的形勢下，中國政府準確判斷、果斷決策、從容應對，全面實施並不斷豐富完善應對國際金融危機的一攬子計劃，有效遏制了經濟增長明顯下滑的態勢，國民經濟形勢總體回升向好，在實現了GDP增長8%以上發展目標的同時，為2010年的持續發展打下了堅實的基礎。

進入2009年下半年，全國電力生產和消費增速回升，電力建設投資增幅加大，隨著國家環保政策、法規的完善和實施，電源建設更加注重結構優化，市場對環保、節能、高效的傳統發電設備以及核電、風電等新能源產品的需求旺盛，為發電設備企業提供了較大的發展空間。

### 訂貨情況

2009年在國內外發電設備市場形勢異常嚴峻的情況下，公司全力以赴開發國內外市場，取得了新簽訂單416.77億元的不俗成績，其中火電設備205.41億元，佔簽約總額的49.29%；水電設備17.00億元，佔簽約總額的4.08%；電站工程服務103.02億元，佔簽約總額的24.72%；核電設備62.36億元，佔簽約總額的14.96%；其他產品28.98億元，佔簽約總額的6.95%。

This section must be read in conjunction with the financial statements and notes to the financial statements as set out in other sections of this annual report.

### MACRO-ECONOMIC AND INDUSTRY DEVELOPMENT

2009 was a most difficult year for economic growth of China since new century starts. Under its accurate judgment, firm decision and deliberate response, the Chinese government launched and continued to improve series of stimulus plans against the international financial crisis amid the worldwide recession. All these efforts have effectively controlled the significant decline of economic growth. As a result, the national economy demonstrated a general rebound and achieved the target of GDP growth of over 8%, laying down a solid foundation for the further development in 2010.

Entering the second half of 2009, national electricity output and consumption growth accelerated and investments in power construction increased. With the improvement and implementation of environmental protection policy and regulation in China, the construction of power plants was more focused on structural optimization. The robust demand for traditional power generation equipment with features of environmental friendly, energy-saving and efficient and new energy products such as nuclear power and wind power provides significant potential for power generation equipment manufacturer.

### NEW CONTRACT

Given the great pressures in domestic and international power generation equipment market in 2009, the Company placed all its efforts to develop domestic and international market, and the value of new-receiving contracts recorded a sound performance at Rmb41.677 billion, among which the contract value for thermal power equipment, hydro power equipment, engineering services, nuclear power equipment and others reached Rmb20.541 billion, Rmb1.7 billion, Rmb10.302 billion, Rmb6.236 billion and Rmb2.898 billion respectively, representing 49.29%, 4.08%, 24.72%, 14.96% and 6.95% of the total contracted value respectively.

## 管理層論述與分析(續)

### Management Discussion and Analysis (continued)

核電產品市場開發取得優異成績，市場佔有率不斷提高。先後取得了湖北咸寧AP1000核電項目T&G包以及海南昌江項目2台650MW核電汽輪發電機組等一系列產品訂單，AP1000常規島汽輪發電機組的市場訂單佔有率已經達到50%，處於市場優勢地位。在核島主設備方面，簽訂了桃花江項目4台蒸發器、湖北咸寧項目2台蒸發器和恰西瑪C3/C4項目4台蒸發器的供貨合同，AP1000核電蒸發器的市場佔有率達到了40%；取得了桃花江、陽江項目穩壓器、恰西瑪C3/C4項目主泵和電機、三門項目堆芯補水箱和非能動餘熱排出熱交換器等一批核電設備的訂單。以上訂單的取得，有效提升了核電產品的市場份額，擴大了核電產品的供貨範圍，為公司核電業務的快速發展創造了條件。

公司在傳統火電市場中仍具有較強的競爭力，簽訂了魯能黑龍江寶清2台600MW超臨界機組、神華內蒙古店塔2台660MW超臨界汽輪機(空冷)、發電機等一系列常規火電產品的訂單，300MW級火電機組和600MW級汽輪機、發電機的中標率均超過30%。2009年水電市場大項目招標較少，競爭激烈，經過努力公司獲得了廣東樂昌峽3×44MW混流式機組訂單，成功中標新疆柳樹溝2×90MW混流式機組和重慶羊頭鋪2×20MW貫流式機組項目。保持了公司在常規水火電產品的市場地位。

An exceptional result was achieved for the development of the nuclear power products market with market shares continued to increase, highlighting by the new contracts of T&G for AP1000 nuclear power project in Xianning, Hubei and two 650MW nuclear power turbine units under Hainan Changjiang project. The market share of AP1000 conventional island turbine unit has reached 50% in terms of new contracts, enabling the Company to take the lead in the market. In respect of main equipment for nuclear island, the Company has secured the supply contracts for 4 steam power generators under Taohuajiang project, 2 steam power generators under Hubei Xianning project and 4 steam power generators under C3/C4 project in Chashma, representing 40% market share for AP1000 nuclear power steam power generator. The Company has acquired a series of contracts for nuclear power equipments, including the pressure stabilizers under Taohuajiang and Yangjiang projects, the main pump generators under C3/C4 project in Chashma as well as the core makeup tanks and passive residual heat removal heat exchanger under Sanmen project. All of these contracts not only significantly increased the market share of nuclear power products, but also expanded the supply scope of our nuclear power products, thus created the condition for the fast growth of the Company's nuclear business.

The Company has maintained its competitive edges in the thermal power market. In particular, the Company has entered traditional thermal power products contracts for two 600MW supercritical thermal power units under Luneng Heilongjiang Baoqing project, two 660MW supercritical steam turbines (Aircooling) under Shenhua Inner Mongolia Dianta project and generators. The Company has successfully won over 30% of the tenders for 300MW thermal power unit and 600MW steam turbines and generators. Facing the intense competition due to fewer tendering in large-scale hydropower market in 2009, the Company strived to win the contract for 3×44MW francis turbine unit under Guangdong Lechangxia project, and win the tenders for 2×90MW francis turbine unit under Sinkiang Liushugou project and 2×20MW flow-type turbine unit under Chongqing Yangtoupu project, and these reinforced the Company's leading position in traditional thermal power and hydropower market.

## 管理層論述與分析(續) Management Discussion and Analysis (continued)

2009年國際市場形勢異常嚴峻，經過努力公司獲得了184.72億元的新簽訂單，是歷史最好成績。一方面，加大了主機出口力度，簽訂了印度LANCO公司6×660MW兩缸超臨界汽輪機、發電機及2台9F聯合循環電站配套135MW汽輪機、發電機等一系列供貨合同，與山東電建二公司共同簽訂了印度SPCL Amarvati 2×660MW超臨界機組供貨合同，使公司600MW級超臨界汽輪機、發電機首次打入了印度市場。另一方面，加強了EPC項目的市場開發力度，取得了蘇丹東格拉輪變電等項目的訂單。

### 生產與服務

2009年完成發電設備產品產量26,106.3MW，比去年同期下降25.62%，其中電站鍋爐完成49台22,185MW，比去年同期下降13.49%；電站汽輪機完成56台20,832MW，比去年同期下降30.82%；汽輪發電機完成55台20,793MW，比去年同期下降29.20%；水輪發電機組完成29套5,313.3MW，比去年同期下降7.33%；燃氣輪機完成1台255.6MW，比去年同期下降66.67%。

今年的項目執行工作呈現出生產負荷重、大容量和新產品機組多、交貨期短且集中、風險大等特點，公司克服了重重困難，項目執行順利。

The value of new-receiving contracts scaled a new height at Rmb18.472 billion amid the tough situation in international market in 2009. The Company, on one hand, increased its efforts in main equipment export and has entered the supply contracts for 6×660MW two-cylinder supercritical steam turbine, generator and two 9F combined cycle ancillary 135MW steam turbine, generator with LANCO (India), and the supply contract of Indian SPCL Amarvati 2×660MW supercritical turbine unit jointly with SEPCOII Electric Power Construction Corporation, which marked our first entry in the Indian market with the 600MW supercritical steam turbine, generator. On the other hand, the Company also placed greater efforts in its development towards EPC project, and has acquired the contracts for power transmission and conversion project in Dongola, Sudan.

### PRODUCTION AND SERVICES

The total output for 2009 was up to 26,106.3MW, representing a decrease of 25.62% compared with the last year, among which 49 units of utility boiler with a total capacity of 22,185MW, a decrease of 13.49% over the last year; 56 steam turbines for power plant with a total capacity of 20,832MW, a decrease of 30.82% over the last year; 55 turbine generator units with a total capacity of 20,793MW, a decrease of 29.20% over the last year; 29 units of hydro power turbo-generator units with a total capacity of 5,313.3MW, a decrease of 7.33% over the last year; and 1 units of gas turbines with a total capacity of 255.6MW, a decrease of 66.67% over the last year, were completed.

While the project implementation in this year demonstrating characteristics like heavy workload, higher percentage of large capacity and new units, tight and centralized delivery schedule and high risk, the Company has overcome various difficulties and implemented the projects smoothly.

## 管理層論述與分析(續)

### Management Discussion and Analysis (continued)

針對當前形勢，採取了有效的應對措施。注重加強項目的動態管理，加強風險分析，根據項目核准、付款情況，及時調整了排產計劃。通過有效整合內部生產資源、精編限定各生產環節時間、積極探索關鍵工藝技術突破、不斷強化生產技術服務等措施，有力地促進了全年生產任務的順利完成。各項目執行順利，其中許昌禹龍3號660MW超超臨界機組正式投入商業運營，創造了從整套啟動到通過168小時試運行的同類型機組最短紀錄；作為國產首台褐煤塔式鍋爐超臨界機組項目，華能九台電廠一期工程1號660MW成套供貨項目執行難度大、任務重，經過努力各項指標均達到了設計要求，運行良好；宣城脫硫項目獲得了「國家優質工程」和「中國電力優質工程」榮譽稱號。

#### 科研開發與技術引進

開展了一批新課題的研究工作，全年共投入科研經費7.84億元。

自主創新工作得到加強。2009年共立課題591項，向國家、省、市共申報科研課題42項。完成了具有自主知識產權的國際首台350MW超臨界褐煤鍋爐等154項新產品的開發工作。全年共獲得專利45件、科技成果(國家、省部級)13項，獲得獎項10項，其中超超臨界1000MW火電重大裝備研製與產業化，獲得中國機械工業科技進步獎特等獎；彎扭葉片與流場性能優化理論在大型汽輪機中的應用，獲得中國機械工業科學技術一等獎。另外，還獲得了黑龍江省科技進步一等獎、黑龍江省機械工業科學技術獎和哈爾濱市科技進步一等獎等重要獎項。

The Company adopted effective measures against current situation, during which the Company reinforced the dynamic management on projects, enhanced risk analysis, approved the payments according to projects and adjusted production schedule in a timely manner. The Company successfully completed the full-year production task by consolidating internal production resources effectively, setting schedule for each production phase accurately, boosting critical technologic breakthrough actively and enhancing production technological services continuously. All projects progressed smoothly, with the No.3 660MW ultra supercritical unit under Xuchang Yulong project commenced commercial operation, marking the shortest record in the same type units from completely launching to finishing trial operation of 168 hours. As the national-first lignite boiler supercritical unit (褐煤塔式鍋爐超臨界機組) project, the NO.1 660MW unit under phase one construction of Huaneng Jiutai Power Plant is difficult to implement and the task is heavy. With our continue efforts, all the indicators of the project have met the designed standards and the unit operated smoothly. The desulphurization project in Xuancheng was honored "National Best Project" and "National High Quality Electric Power Project".

#### R&D AND INTRODUCTION OF TECHNOLOGIES

RMB784 million in total was invested over the year in new research studies projects.

The capacity in self-innovation was improved. In 2009, totally 591 R&D projects were launched with 42 projects declared to the nation, the province and the municipality. Development of 154 new products was completed, including the World-first 350MW supercritical lignite boiler with independent intellectual property. The Company obtained patents in 45 products and acquired 13 national, provincial and municipal awards for scientific achievements as well as 10 other awards, among which the Special Prize of National Technological Improvement in Engineering Industry was granted for the "Production and Industrialization of 1000MW Ultra Supercritical Major Thermal Power Equipment" and the First Prize of National Science and Technology in Engineering Industry was awarded for the "Application of Bowed-Twisted Blade and Flow Field Performance Optimization in Large Steam Turbine". In addition, the Company also acquired important awards such as the First Prize of Heilongjiang Provincial Scientific Development, Award for Heilongjiang Provincial Science and Technology in Engineering Industry and First Prize of Haerbin Municipal Scientific Development.

## 管理層論述與分析(續) Management Discussion and Analysis (continued)

技術引進和消化吸收工作穩步推進。加快三菱公司AP1000核電技術引進步伐，完成了三門項目的前期技術準備。從ALSTOM公司引進的抽水蓄能機組技術已依託響水澗項目進入再創新階段。600MW超臨界和超超臨界機組的國產化率均為100%；1000MW超超臨界機組鍋爐的國產化率為100%、汽輪機為85%、發電機為92%。

節能減排工作持續推進。公司大力研製並積極推廣節能、高效、環保產品，在產品設計、生產組織等各個環節中加強能耗指標控制。2009年公司自身能耗水平較前幾年有所降低。

### 改革與管理

健全內部控制體系。不斷提高風險管理意識，聘請了普華永道會計師事務所為顧問，在公司及所屬企業範圍內全面開展了內控評審項目，有效促進了管理水平和風險控制能力的提升。

持續加強成本管理。堅持降本增效的原則，不斷提高成本意識，從技術、製造和運輸等環節入手，加大成本管理力度。

不斷加強採購管理。努力降低採購成本，成立了內部招標中心，在全公司範圍內建立統一招標機制，進一步規範了招標採購行為。

Technology introduction and absorption was progressing steadily. The Company accelerated the introduction of AP1000 nuclear technology of Mitsubishi Corporation and completed the technical preparations of Sanmen project. The Pump-storage unit technology introduced from ALSTOM has entered the stage of re-innovation through Xiangshuijian project. A domestic proportion of 100% was achieved for 600MW super/ultra supercritical units, 100% for 1000MW ultra super critical boiler units, 85% for steam turbines and 92% for generators.

Energy conservation and emission reduction was in progress. The Company vigorously developed and utilized energy-saving, efficient and environment-friendly products, and tightened our control on the energy consumption indicator in such areas as product design and manufacturing organization. In 2009, the Company consumed less energy than in the past few years.

### REFORM AND MANAGEMENT

The Company strives to improve the internal control system. In order to enhance the sense of risk management, the Company has appointed PricewaterhouseCoopers as its advisor and, together with its subsidiaries, carried out an internal control review program. This has effectively strengthened our management and risk control capabilities.

The Company continues to enhance cost management. Under the "lower cost and higher efficiency" principle, the Company continues to enhance the sense of cost and increases its efforts in cost management in areas including technology, manufacturing and transportation.

The Company continues to improve procurement management. In order to reduce procurement cost, the Company has established an internal bidding center. The Company has also set up a uniform bidding mechanism throughout the organization to further standardize the bidding and procurement process.



## 管理層論述與分析(續)

### Management Discussion and Analysis (continued)

#### 溢利

2009年，本集團實現淨溢利60,621萬元，比上年同期下降41.81%；每股盈利人民幣0.44元，比上年同期減少0.32元；期末資產淨值為863,903萬元，比年初增加50,295萬元；每股資產淨值為6.27元，比年初增加0.36元。

期內，本集團溢利下降的主要原因是由於產品營業收入及毛利下降、核電項目虧損確認預計負債以及撥備增加所致。

#### 股息

董事會建議派發2009年度股息為每股0.068元(含適應稅率)人民幣(2008年度為每股0.075元)。

#### 營業額

2009年，本集團實現主營業務收入2,862,952萬元，比上年同期下降4.26%。其中，火電主機設備的營業額為1,922,079萬元，比上年同期下降6.21%，佔主營業務收入的67.14%；水電主機設備的營業額為189,343萬元，比上年同期下降33.87%，佔主營業務收入的6.61%；電站工程服務的營業額為429,967萬元，比上年同期增長24.77%，佔主營業務收入的15.02%；電站輔機及配套產品的營業額為125,130萬元，比上年同期增長7.78%，佔主營業務收入的4.37%；交直流電機及其它產品與服務的營業額為196,433萬元，比上年同期增長1.25%，佔主營業務收入的6.86%。

期內，本集團出口收入432,566萬元，比上年同期增加151,068萬元，佔主營業務收入的15.11%，主要出口亞洲、非洲等地區。

#### PROFIT

In the year of 2009, net profit of the Group was Rmb606.21 million, a decrease of 41.81% compared to the last year; earnings per share was Rmb0.44, a decrease of Rmb0.32 compared to the corresponding period of last year; net asset as at the end of the period was Rmb8,639.03 million, an increase of Rmb502.95 million compared to the beginning of the year; net asset per share was Rmb6.27, an increase of Rmb0.36 compared to the beginning of the year.

During the period, the decline in the profit of the Group was mainly attributable to the decrease in product revenue and gross profit, the recognition of provisions for the loss of nuclear power project as well as the increase in allowance.

#### DIVIDEND

A dividend of Rmb0.068 per share (appropriate tax included) for the year of 2009 (2008: Rmb0.075 per share) was proposed by the board of directors.

#### TURNOVER

In 2009, the Group recorded a turnover of principal business activities of Rmb28,629.52 million, a decrease of 4.26% compared to the last year. In particular, turnover of the thermal power main equipment business was Rmb19,220.79 million, representing a decrease of 6.21% over the last year and accounted for 67.14% of the turnover of the principal business activities. Turnover of hydropower main equipment was Rmb1,893.43 million, a decrease of 33.87% over the last year, representing 6.61% of the turnover of the principal business activities. Turnover of power plant engineering services was Rmb 4,299.67 million, an increase of 24.77% compared to the last year, representing 15.02% of the turnover of the principal business activities. Turnover of power plant accessories and parts was Rmb1,251.3 million, an increase of 7.78% over the last year, representing 4.37% of the turnover of the principal business activities. Turnover of AC/DC motors and other products and services was Rmb1,964.33 million, an increase of 1.25% over the last year, representing 6.86% of the turnover of the principal business activities.

During the period, the Group recorded a turnover of export of Rmb4,325.66 million, representing an increase of Rmb1,510.68 million over the last year and accounted for 15.11% of the turnover of the principal business activities. The export was mainly to areas such as Asia and Africa.

## 管理層論述與分析(續) Management Discussion and Analysis (continued)

### 成本

年內，本集團的主營業務成本為2,496,402萬元，比上年同期下降3.60%，主要原因是2009年度主營業務收入下降所致。

### 毛利及毛利率

期內，本集團主營業務實現毛利為366,551萬元，比上年同期下降8.52%。毛利率為12.80%，比上年同期下降0.6個百分點。毛利率下降的主要原因是本期銷售的產品所採用的原材料主要是在2007年第四季度以及2008年上半年價格高點時採購的，導致成本上升。

其中，火電主機設備毛利為257,287萬元，比上年同期減少47,011萬元；毛利率為13.39%，比上年同期下降1.46個百分點；水電主機設備毛利為43,799萬元，比上年同期減少22,066萬元，毛利率為23.13%，比上年同期增長0.13個百分點；電站工程服務毛利為-6,096萬元，比上年同期增加28,520萬元，毛利率為-1.42%，比上年同期增長8.62個百分點；電站輔機及配套產品毛利為31,611萬元，比上年同期增加1,653萬元；毛利率為25.26%，比上年同期下降0.54個百分點；交直流電機及其它產品與服務的毛利為39,950萬元，比上年同期增加4,747萬元；毛利率為20.34%，比上年同期增長2.19個百分點。

### COST

During the year, the cost of the principal business activities of the Group was Rmb24,964.02 million, a decrease of 3.60% as compared to the last year. The decrease was mainly attributable to the decrease of turnover of main business activities in 2009.

### GROSS PROFIT AND GROSS PROFIT MARGIN

During the period, the gross profit from the principal business activities of the Group was Rmb3,665.51 million, a decrease of 8.52% as compared to the last year. The gross profit margin was 12.80%, a decrease of 0.6 percentage points over the last year. The decrease in the gross profit margin was mainly attributable to an increase in the cost of products, which was due to the fact that the raw materials consumed to produce our products sold during the period were purchased in the fourth quarter of 2007 and the first half of 2008 when the prices were at their historic heights.

Among them the gross profit from thermal power main equipment was Rmb2,572.87 million, a decrease of Rmb470.11 million compared to the last year. The gross profit margin for thermal power main equipment was 13.39%, a decrease of 1.46 percentage points compared to the corresponding period last year. The gross profit from hydropower main equipment was Rmb437.99 million, a decrease of Rmb220.66 million compared to the corresponding period last year. The gross profit margin for hydropower main equipment was 23.13%, an increase of 0.13 percentage points compared to the corresponding period last year. The gross profit from power plant engineering services was Rmb-60.96 million, an increase of Rmb285.2 million compared to the corresponding period last year. The gross profit margin for power plant engineering services was -1.42%, an increase of 8.62 percentage points over the corresponding period last year. The gross profit from power plant accessories and parts was Rmb316.11 million, an increase of Rmb16.53 million compared to the corresponding period last year. The gross profit margin for power plant accessories and parts was 25.26%, a decrease of 0.54 percentage points over the last year. The gross profit from the AC/DC motors and other products and services was Rmb399.5million, an increase of Rmb47.47 million compared to the corresponding period last year. The gross profit margin for the AC/DC motors and other products and services was 20.34%, an increase of 2.19 percentage points over the last year.

## 管理層論述與分析(續)

### Management Discussion and Analysis (continued)

#### 期間費用

2009年，本集團發生營業費用38,859萬元，比上年同期減少3,669萬元，主要是產品銷缺費及運輸費減少所致。

2009年，本集團發生管理費用232,571萬元，比上年同期增加17,191萬元，增幅為7.98%。主要是資產減值準備增加所致。

#### 利息支出

2009年，本集團發生財務費用18,038萬元，比上年同期減少1,494萬元，主要是貸款利息減少所致。

#### 資金來源及借款情況

本集團之營運及發展所需資金主要有三個來源：股東資金、客戶貨款和銀行借款。本集團之借款乃根據具體項目而安排，除特殊情況外，借款一般由旗下各子公司分別籌措，但屬於資本投資性借款須先由母公司批准。由於近兩年本集團訂單及預收貨款大幅度增加，本集團營運資金充裕，償還了絕大部分營運資金貸款。截至2009年12月31日，本集團銀行借款總額為399,568萬元(2008年12月31日為440,582萬元)，均為按國家規定利率從各商業銀行及國家政策性銀行取得的借款。其中，須於一年內償還之借款為128,858萬元，比年初增加41,788萬元。須於一年後償還之借款為270,710萬元，比年初減少82,802萬元。

#### EXPENSES DURING THE PERIOD

The Group's expenses for operation activities during the year of 2009 amounted to Rmb388.59 million, a decrease of Rmb36.69 million compared to the corresponding period last year, of which the main reason was the decrease in selling and transportation expenses of our products.

Expenses for administration activities during the year of 2009 amounted to Rmb2,325.71 million, an increase of Rmb171.91 million or 7.98% compared to the corresponding period last year, of which the main reason was the increase in asset impairment provisions.

#### INTEREST EXPENSE

In 2009, the Group has incurred financial expenses of Rmb180.38 million, a decrease of Rmb14.94 million compared to the corresponding period last year, which was mainly attributable to the decrease in loan interests.

#### FUNDING AND BORROWINGS

The Group has three major resources for operation and development funding, namely shareholder's capital, trade receivable from customers and bank borrowings. The Group arranges borrowings for each specific project. Except for some special situations, loans will be raised individually by the Group's subsidiaries. However, the advance approval from the parent company for capital investment borrowings is required. As the number of orders and the trade amount received in advance of the Group increased significantly during the past two years, the Group had abundant working capital and has thus repaid substantially all of the loans for working capital. As at 31st December 2009, the total sum of the Group's bank borrowings was Rmb3,995.68 million (31st December 2008: Rmb4,405.82 million). The Group's bank borrowings were loans from various commercial banks and the State's policy banks with interest rates stipulated by the state. Among the Group's borrowings, the amount due within one year was Rmb1,288.58 million, an increase of Rmb417.88 million compared to the beginning of the year. The amount of the Group's borrowings due after one year was Rmb2,707.1 million, a decrease of Rmb828.02 million compared to the beginning of the year.

## 管理層論述與分析(續) Management Discussion and Analysis (continued)

### 存款及現金流量

截至2009年12月31日，本集團銀行存款及現金為1,416,573萬元，比年初增加386,413萬元。期內，本集團經營業務現金流入淨額為453,020萬元；投資業務之現金流出淨額為105,848萬元；融資業務之現金流出淨額為8,075萬元。

### 資產結構及變動情況

截至2009年12月31日，本集團資產總值為5,287,638萬元，比年初增加390,976萬元，增長7.98%。其中，流動資產4,758,542萬元，佔資產總值的89.99%；非流動資產529,096萬元，佔資產總值的10.01%。

### 負債

截至2009年12月31日，本集團負債總額為4,265,912萬元，比年初增加326,042萬元。其中，流動負債總值為3,101,963萬元，佔負債總值的72.72%；非流動負債總值為1,163,949萬元，佔負債總值的27.28%。於2009年12月31日本集團的資產負債率為80.68%。

### 股東權益

截至2009年12月31日，本集團股東權益總額為863,903萬元，比年初增加50,295萬元；每股資產淨值為6.27元。期內，本集團淨資產收益率為7.23%。

### 資本與負債比率

截至2009年12月31日，本集團的資本槓桿比率（非流動負債比股東權益總額）為1.35:1，年初為1.09:1。

### DEPOSITS AND CASH FLOW

As at 31st December, 2009, bank deposits and cash of the Group amounted to Rmb14,165.73 million, an increase of Rmb3,864.13 million over the beginning of the year. During the period, net cash inflow from operating activities amounted to Rmb4,530.2 million. Net cash outflow from investment activities amounted to Rmb1,058.48 million and net cash outflow from financing activities was Rmb80.75million.

### CAPITAL STRUCTURE AND CHANGES THEREOF

As at 31st December, 2009, total assets of the Group amounted to Rmb52,876.38 million, an increase of Rmb3,909.76 million (or 7.98%) compared to the beginning of the year, among which total current assets were Rmb47,585.42 million, representing 89.99% of the total assets, and total non-current assets were Rmb5,290.96 million, representing 10.01% of the total assets.

### LIABILITIES

As of 31st December, 2009, the Group's total liabilities amounted to Rmb42,659.12 million, an increase of Rmb3,260.42 million compared to the beginning of the year, among which total current liabilities were Rmb31,019.63 million, representing 72.72% of the total liabilities, and total non-current liabilities were Rmb11,639.49 million, representing 27.28% of the total liabilities. As at 31st December, 2009, the assets to liabilities ratio of the Group was 80.68%.

### SHAREHOLDERS' EQUITY

As of 31st December, 2009, the total shareholders' equity of the Group amounted to Rmb8,639.03 million, an increase of Rmb502.95 million compared to the beginning of the year; the net asset per share was Rmb6.27. During the period, the net asset return rate of the Group was 7.23%.

### GEARING RATIO

As of 31st December, 2009, gearing ratio of the Group (non-current liabilities over total shareholders' equity) was 1.35:1 as compared to that of 1.09:1 at the beginning of the year.

## 管理層論述與分析(續)

### Management Discussion and Analysis (continued)

#### 或有負債及抵押

截至2009年12月31日，本集團有52,623萬元資產抵押用於流動資金貸款。

#### 資本開支及所持重大投資情況

2009年，本集團用於基本建設和技術改造的資本開支總額為7.88億元。

核電項目穩步實施。常規島國產化完善項目的主要設備已投入使用；核島主設備製造建設項目的土建施工已基本完成，主要設備陸續投入使用；核島主設備製造自主化完善項目的擴建跨廠房已實現冷封閉；主泵電機製造基地建設項目的土建施工已進入尾聲，部分設備已交付使用；核電反應堆冷卻劑泵組製造技術改造項目的擴建跨廠房已經封閉；1000MW等級核電輔機技術改造項目的新建廠房工程已全部完工。各項目所需設備的採購進展順利。

與此同時，電站閘門技術改造建設項目的土建施工已進入尾聲；新建水力模型試驗站技術改造項目的廠房基礎挖掘部分已經全部完成；大型煤化工等技術改造項目的一期工程完成了廠房基礎施工和部分地下管網工程。

#### CONTINGENT LIABILITIES AND PLEDGE OF ASSET

As of 31st December, 2009, the Group pledged its assets in an amount of Rmb526.23 million to secure loans for liquidity.

#### CAPITAL EXPENDITURES AND MAJOR INVESTMENTS

In the year 2009, the Group has invested a total capital expenditure of Rmb788 million in infrastructure constructions and technological upgrades.

Nuclear power projects are undergoing steady development. The main equipments of the improvement project for domestic production at conventional islands have been put into use. The manufacturing and construction project of the main equipments for nuclear island has largely completed its civil engineering works, and the main equipments are putting into use one after another. The multi-factories expanded under the manufacturing self-reliance and improvement project of the main equipments for nuclear island are cold-sealed. The civil engineering works of the construction project of manufacturing base for main pump generators have entered the last stage, and certain equipments have been delivered for use. The multi-factories expanded under the manufacturing technology upgrade project for nuclear power reactor-cooling agent pump units are sealed. The technological upgrade project for 1000MW nuclear power auxiliary equipment has completed all works on its new factories. The equipments of all projects are being procured smoothly.

Meanwhile, the civil engineering works of the technological upgrade and construction project for power plant valve have entered the last stage. The technological upgrade project of the newly built hydro power model laboratory has completed the excavation of the factory foundation. The first stage of the technological upgrade project of large-scale coal engineering has completed all works at the factory foundation and part of the underground pipeline network.

## 管理層論述與分析(續) Management Discussion and Analysis (continued)

### 匯率波動風險及相關對沖

本集團亦擁有部分外幣存款，於2009年12月31日，本集團外幣存款折合人民幣70,015萬元。本集團出口及以外幣結算之業務，存在匯兌風險。

### 募集資金運用

2009年，本集團共運用募集資金1.02億元，主要用於出海口基地核島主設備、電站閥門技術改造、核電主泵電機等項目。

截至2009年12月31日，本集團已累計運用H股募集資金24.85億元，剩餘募集資金1.45億元暫存放於銀行，將用於出海口基地二期建設及其它技術改造項目。

### 員工及薪酬

於2009年12月31日，本集團擁有在崗員工18,895人，薪酬總額為11.86億元。為不斷提高職工的知識水平、技能、能力及其它綜合素質，公司加大職工培訓力度，開展了以崗位培訓為主、高層次管理人才培訓為重點、兼顧一定數量的學歷培訓等多種培訓形式，提高了職工的整體素質，為公司的穩定發展儲備了力量。

### EXPOSURE TO FLUCTUATIONS IN EXCHANGE RATES AND RELATED HEDGES

The Group has certain amount of deposits that are denominated in foreign currencies. As at 31st December, 2009, the amount of the Group's deposits in foreign currencies amounted to RMB700.15 million. Export and foreign currencies settled businesses expose the Group to exchange risk.

### USE OF FUND-RAISING PROCEEDS

In the year 2009, the Group has utilized a total of Rmb102 million of its fund-raising proceeds mainly for the Workshop Base Construction Project in relation to main equipment for nuclear islands, technological upgrade of nuclear power plant valves and nuclear power main pump generators.

As of 31st December, 2009, the Group has utilized a total of Rmb2,485 million of its H share listing proceeds, while the remaining balance of the listing proceeds of Rmb145 million was deposited with banks and will be used in the second stage of the Workshop Base Construction Project and other technological upgrade projects.

### STAFF AND REMUNERATION

As at 31st December, 2009, the Group had a workforce of 18,895 employees and the total remuneration amounted to Rmb1,186 million. In order to enhance knowledge, skills and capabilities as well as promote the overall caliber of its staff, the Company has put additional efforts in staff training and adopted various training approaches emphasizing on-the-job training and targeting at senior management personnel while a number of training courses for academic qualifications were also provided. As a result, the Company's staffs have become more competent which helps build a solid foundation for a steady development of the Company.

## 管理層論述與分析(續)

## Management Discussion and Analysis (continued)

### 展望

2010年世界經濟發展仍有很強的不確定性，經濟形勢不容樂觀。中國經濟發展的基本態勢和長期向好趨勢沒有發生根本變化，預計2010年GDP將增長8.7%，借宏觀經濟快速發展之勢，發電設備的市場需求將繼續保持在較高水平上。2010年全國發電裝機容量將達到9.5億千瓦左右，國家產業政策將加快向節能、環保、新能源等產業傾斜，核電、風電、太陽能等新能源產品的市場需求將有較大增長。

在經濟形勢快速多變、發電設備產品更新換代加快的外部環境下，公司的發展面臨著難得的機遇和巨大的挑戰。我們決心在董事會的領導下，發奮圖強，銳意創新，努力開創平穩較快發展的新局面，以優良的業績回報各位股東！

2010年本公司將重點做好以下工作：

#### 1. 同心協力，內外並舉，開創市場開發新局面。

在認真分析國內外市場形勢的基礎上，公司制定了2010年市場營銷計劃和策略。市場開發目標是：鞏固巨型水電、AP1000核電的優勢地位，擴大核電產品的市場份額和供貨範圍；大力開發國際市場，強化工程公司總承包和成套業務，力爭俄羅斯、美洲市場取得新的突破；鞏固傳統市場，確保300MW及以上大容量機組市場佔有率達到三分之一以上；力爭大型火電機組市場開發取得新的突破；拓展輔機、脫硝、閘門、氣化爐、備件、老機組改造市場；提高新能源產品市場佔有率；

公司將積極開發IGCC、海水淡化等新興市場。繼續跟蹤燃機、環保產品市場動態。

### PROSPECT

Looking into 2010, there are still many uncertainties in the world economy development, which is heading for a grim situation. As the basic situation and long-term uptrend of China's economy development did not change significantly, China's GDP is expected to grow 8.7% in 2010. As the rapid development in macro-economy will maintain a high level of market demand for power generating equipments, it is expected that the total power generating capacity in 2010 will increase to about 950 million KW. The national policy of the industry will encourage the transition towards energy-saving, environmental and new energy. Therefore, nuclear, wind and solar powers will see a large expansion in market demand.

The Company is facing unique challenges and opportunities in an external environment where economy conditions change rapidly and power generating equipment is frequently renewed. Under the leadership of the Board, we are determined to push forward to innovate and strive for a new era of stable and rapid growth, in order to achieve outstanding returns for our shareholders.

The Company will focus on accomplishing the following tasks in 2010:

#### 1. Collaborate both internally and externally to achieve breakthroughs in marketing.

Based on careful analysis of domestic and international market conditions, the Company mapped out its marketing plans and strategies for 2010. The goals of marketing include: consolidate the leading position of huge hydropower and AP1000 nuclear power, and expand the market share and distribution area of nuclear power products; participate more in international market and enhance the contract construction and complete set business of the engineering company, to achieve new breakthroughs in Russia and US market; maintain our position in the traditional market by securing over one third of the market share for our high capacity generators of 300MW and above; strive for breakthroughs in development of the large-scale thermal power generator market; expand the markets for supplementary machinery, deNOx products, valves, gas boilers, parts and obsolete generator renovation; and expand our market share of new hi-tech power supply products.

We will also take the initiative in developing new markets, such as IGCC and desalination and keep a close eye on market development of gas turbines and environmental friendly products.

## 管理層論述與分析(續) Management Discussion and Analysis (continued)

### 2. 科學組織，合理安排，全力提高用戶滿意度。

2010年，公司生產組織面臨著核電產品陸續投入生產、新產品多和交貨期相對集中導致生產任務不均衡的嚴峻考驗，關鍵原材料資源緊張和價格波動，也給生產安排帶來了困難。為此，公司將更加注重合理排產，計劃編製既要滿足合同要求，又要注意合理平衡。生產過程中各所屬企業相互配合，全力支持核電業務，充分挖掘核島基地和常規島基地的產能。

抓好公司重點項目的管理，加強組織協調。加強項目執行的風險防範，建立快速反應、更為有效的預警機制。項目執行中更加注重回款及時性，保障資金安全。千方百計地做好核電項目執行，積極落實關鍵原材料，建立健全項目管理體系，提高管理水準。燃機項目執行將更加注重現場管理及服務。

### 3. 內研外引，銳意創新，不斷提高自主創新能力。

2010年公司計劃投入8億元科研經費，將以國家發電設備研究中心為龍頭，整合內部研發資源，通過引進技術、自主開發、聯合開發等多種方式，全面提高公司整體技術創新能力。

### 2. Actively promote customer satisfaction through scientific organization and reasonable arrangement.

The Company will face many tough challenges in 2010, including the launch of operation of nuclear power products, and imbalance in production tasks as a result of numerous new products and concentrated deliveries. Moreover, the limited amounts and volatile prices for key materials also sets barrier for production arrangements. Therefore, we will pay more attention to reasonable production arrangements, to prepare schedules that fulfill the requirement of our contracts while keeping a reasonable balance. We will coordinate all subsidiaries involved in the production process to provide full support to nuclear power business, in order to fully tap the production capacity of nuclear and conventional island bases.

With focus on our management of key projects, we will strengthen our organizational coordination. Quick-responsive and more effective precaution system will be established to strengthen the risk prevention in project implementation, and emphasize on timeliness of payment during project implementation to ensure financial security. We will work our best to secure the implementation of nuclear power project with active acquisition of raw materials, establishment of a sound project management system and improved management standards. As for gas turbines, we will pay more attention to on-site management and services.

### 3. Internal research and external imports with an creative approach to raise our own innovation ability.

The Company plans to spend RMB800 million on scientific research in 2010. Directed by the National Power Equipment Engineering Research Centre, we will integrate our internal research and development resources and enhance the overall technical innovation capacity through various methods, such as importing technologies, self-development and joint development.



## 管理層論述與分析(續)

### Management Discussion and Analysis (continued)

2010年產品開發的重點是：全力做好核電產品技術開發；加大巨型水電、抽水蓄能機組開發力度；加速煤電設備升級改造和更新換代；加快發展海洋能等新能源產品；拓展煤化工、大型化工容器及IGCC產品領域；培育和開發環保產品及海水淡化設備；保持、鞏固電驅動快速發展態勢；用現代製造服務的理念發展電站維修改造和備品、備件業務；做好風電配套設備的研製和開發。

以做好AP1000核電技術引進為重點，加快引進技術的消化吸收進程，AP1000核電蒸發器的技術研發將按計劃開展技術轉化和產品製造工作。加快大型半轉速汽輪機設備的設計、製造技術的國產化進程。依託三門、海洋項目進行消化吸收再創新，自主開發AP1000和更高容量等級的核電用發電機。

做好600MW等級超臨界W火焰鍋爐等產品的開發工作，《AP1000核電汽輪機關鍵技術》課題，將以湖北咸寧項目為依託，自主完成主蒸汽系統、旁路系統的系統設計、佈置設計和強度計算等工作。努力實現超超臨界系列機組的自主化設計。聯合循環機組將重點開發309E和209FA純凝機組。

繼續提高節能、環保、高效發電設備產品的比重，積極申報節能環保項目，積極開發除塵、脫硫、脫硝、電廠污水處理等環保產品。

The focuses of product development in 2010 are as follows: make every effort to ensure the development of nuclear power products; strengthen the development of large-scale hydropower and pumped storage units; accelerate the upgrade and replacement of coal power equipments; speed up the development for new energy products such as marine power; explore into the industries of coal chemical, large chemical container and IGCC products; develop environmentally friendly products and desalination equipments; maintain and consolidate the rapid development in electric driving force; develop power plant maintenance service and backup and spare parts business with modern manufacture service concepts; work on wind power equipments research and development.

With focus on the imported AP1000 nuclear technology, we will speed up our process for assimilating the imported technologies. The research and development of the AP1000 nuclear power steam equipment will start technology conversion and product manufacture work as planned. The domestication of design and manufacture technology of large scale half-speed gas turbines will also be accelerated. With the assimilation and renovation of the technologies in Sanmen and Haiyang projects, we will be able to develop AP1000 or nuclear power generators with higher capacity on our own.

We will strive to work on the research and development of products such as 600MW super critical W thermal boiler. The topic of Key Technology of AP1000 Nuclear Power Turbine (《AP1000核電汽輪機關鍵技術》課題) will be based at the Xianning Project in Hubei, and include self-reliance tasks such as the system design of main steam system and bypass system, layout design and strength calculation. We will also endeavor to accomplish the self-reliance design of ultra super critical generator units. The development focus of combined cycle units will be on 309E and 209FA straight condensing units.

We will continue to increase the proportion of energy-saving, environmental and efficient power equipments, actively apply for energy-saving and environmental projects and research on environmental products such as dust removal, deSO<sub>2</sub>, deNO<sub>x</sub> and power plant water treatment.

## 管理層論述與分析(續) Management Discussion and Analysis (continued)

### 4. 完善內控，夯實基礎，持續提高管理水平。

繼續推進內控評審項目。全面實施內控手冊，並初步形成內部控制持續改進的內部機制，進一步提高管理水平和風險控制能力。

繼續加強成本管理，提高成本意識，強化成本費用的預算控制，切實加強以質量成本為重點的質量管理工作。

大力推廣信息化應用，要將企業信息化工作與內部流程優化有機地結合起來，更新管理理念，用改革促進管理水平的提高。

### 5. 力求實效，穩步推進，優質高效完成技改計劃。

2010年公司擬安排固定資產投資項目15項，投資總額12.84億元。項目實施目標為：

秦皇島核島完善化項目的廠房及附屬工程土建施工收尾，實驗大樓主體開始施工，主要設備交付使用，擬安排投資2.28億元；核電常規島完善化項目中的秦皇島基地，大型發電機試驗站、110KV降壓站實現主要生產設備交付使用，擬安排投資1.26億元；核島主設備製造項目全面竣工投產，擬安排投資0.60億元；核電主泵電機製造基地項目，廠房及附屬設施工程收尾，主要設備交付使

### 4. Improve internal control, strengthen our solid foundation and enhance our management.

The Company will continue to carry out the internal control program by fully implementing the internal control manual and forming an initial mechanism for continuously improving internal control. These will further enhance the Company's management and risk control capabilities.

The Company will continue to enhance cost management, increase its sense of costs and enhance its budget control on costs. The Company will also strengthen its quality management emphasizing quality costs.

The Company will vigorously implement information-based application. There will be an organic combination between our information-based work and the optimization of the internal procedure. Moreover, the Company will improve its management philosophy to enhance its management by reform.

### 5. Bring out actual effect, make a steady progress and complete the technological upgrade plans in a high-quality and efficient manner.

In 2010, the Company plans to invest a total of Rmb1,284 million in 15 items of property, plant and equipment. The objectives are as follows:

The improvement project of nuclear island in Qinhuangdao will complete its civil engineering on factory and auxiliary works, begin constructing the body of the laboratory building and deliver the main equipments for use, of which the total investment is expected to be Rmb228 million. In the Qinhuangdao base for the improvement project of nuclear power conventional island, the large-scale power generators laboratory and 110KV step-down substation will deliver the main equipments for use, of which the total investment is expected to be Rmb126 million. The manufacturing project of the main equipments of nuclear island will be fully put into operation with the total investment expecting to be Rmb60 million. The manufacturing base project of nuclear power main pump generators will complete its factory construction and auxiliary works and deliver the main

## 管理層論述與分析(續) Management Discussion and Analysis (continued)

用，擬安排投資1.62億元。汽輪機百萬等級核電輔機等其他在建項目快速推進，擬安排投資5.77億元。

汽輪機重點工程彈性檢測條件建設項目和重點工程研製保障條件建設項目，進行設備採購，擬分別安排投資0.33億元和0.12億元。閥門試驗台搬遷改造等其他新建項目擬安排投資0.86億元。

公司將嚴格管理工程進度和質量，保證投資達到預期效果。

equipments for use, of which the total investment is expected to be Rmb162 million. Other works in progress including the million-level turbine generator nuclear auxiliary equipment will be speeded up with the total investment expecting to be Rmb577 million.

In the construction projects of both flexible testing and research and protection for the key program of steam turbines, the Company expects to invest Rmb33 million and Rmb12 million respectively in equipments procurement. In addition, the Company will invest Rmb86 million in other new projects including the relocation and upgrade of the valve laboratory.

The Company will make sure these investments produce expected results by rigorously managing the schedule and quality of all projects.

# 董事、監事及高級管理人員

## Directors, Supervisors and Senior Management

### 董事

#### 執行董事

**宮晶堃先生**，一九五八年七月出生，碩士學位，高級工程師職稱，現任本公司董事長及哈電集團公司董事長。宮先生一九八二年畢業於瀋陽機電學院，後就讀於上海復旦大學工業經濟管理專業，獲碩士學位。一九八二年加入哈電集團。宮先生曾任本集團原電機廠生產處副處長、生產部副部長、水電分廠廠長以及本集團電機公司總經理助理、副總經理等職務。一九九九年任阿城繼電器集團公司和阿城繼電器股份有限公司董事長。二零零零年八月任哈電集團公司副董事長兼總經理，九月任本公司副董事長。二零零六年五月任哈電集團公司董事長，九月二十九日任本公司董事長。

**鄒磊先生**，一九六六年六月出生，博士學位，高級經濟師職稱，現任本公司執行董事及哈電集團公司董事、總經理。鄒先生一九八八年七月畢業於佳木斯工學院機械設計與製造專業，取得學士學位，後於哈爾濱工業大學取得博士學位。一九八八年八月加入哈電集團。鄒先生曾任原哈爾濱鍋爐廠生產處總調度室調度員、黨辦秘書、團委副書記、書記，鍋爐公司管子一分廠黨支部書記、重容分廠廠長、平山分廠廠長、生產長、副總經理、董事長、總經理兼黨委副書記。二零零八年十二月任哈電集團公司黨委常委、董事、總經理。二零零九年二月十一日起任本公司執行董事。

**段洪義先生**，一九六三年二月出生，工商管理碩士學位，高級經濟師職稱，現任本公司執行董事及哈電集團公司副總經理。段先生一九八二年畢業於哈爾濱電機製造學校機械專業，同年加入哈電集團。曾任本集團原鍋爐廠計劃處綜合計劃員，副處長等職務。段先生一九九四年參加哈電集團股改和本公司股票發行與上市工作，一九九五年起先後任本公司計財部副部長、部長、公司副總會計師以及本集團汽輪機公司監事、副總經理及本集團動力科貿公司副董事長等職務。二零零零年八月任哈電集團公司副總經理，九月任本公司執行董事。

### DIRECTORS

#### Executive Directors

**Mr. Gong Jing-kun**, born in July 1958, senior engineer with a master's degree, now chairman of HE and chairman of the Company. Mr. Gong graduated from Shenyang Institute of Machinery and Electronics in 1982. Later on, he studied in Shanghai Fudan University, majoring in economic management and was conferred a master degree. Mr. Gong joined HE in 1982. He has been vice director of production division, vice manager of production department, manager of hydropower workshop in former Harbin Electric Machinery Works of the Group, and general manager assistant and deputy general manager of the Electric Machinery Company of the Group. Mr. Gong was appointed as chairman of Archeng Relay Group Company and Archeng Relay Company Limited in 1999. In August 2000, he was appointed as vice chairman and general manager of HE and in September 2000, Mr. Gong was appointed as vice chairman of the Company. In May 2006, he was appointed as chairman of HE and on 29th September, chairman of the Company.

**Mr. Zou Lei**, born in June 1966, senior economist with a doctor's degree, now director and general manager of HE and executive director of the Company. Mr. Zou graduated from Jiamusi Technical College in July 1988, majoring in mechanical design and manufacture, and was conferred a bachelor degree. Then he obtained a doctor degree from Harbin Institute of Technology. Mr. Zou joined HE in August 1988 and was the dispatcher, Party office secretary, league deputy secretary, secretary in dispatching room of production division in former Harbin Boiler Works, Party branch secretary of pipe first branch factory, factory director of heavy vessel workshop, factory director of Pingshan branch factory, production director, deputy general manager, Chairman of the Board, General manager and Party committee deputy secretary in Harbin Boiler Company Limited. In December 2008, Mr. Zou was elected as standing committee member of the Party Committee, director and general manager. He has been executive director of the Company from 11th February 2009.

**Mr. Duan Hong-yi**, born in February 1963, is a senior economist and a master of business administration. He now serves as an executive director of the Company and deputy general manager of HE. Majoring in mechanics, Mr. Duan graduated from Harbin Electrical Machinery College in 1982 and joined HE in the same year. Mr. Duan has been a comprehensive planner and vice manager of the planning department of former Boiler Works of the Group. In 1994, he participated in the reorganization of HE to be a shareholding enterprise and the issuance and listing of the Company's shares. Since 1995, He has been a vice director and the director of the planning and accounting department and a vice chief accountant of the Company, a supervisor and a deputy general manager of the Turbine Company of the Group, and a vice chairman of Harbin Power Technology & Trade Incorporation of the Group. He was appointed as a deputy general manager of HE in August 2000 and an executive director of the Company in September 2000.

## 董事、監事及高級管理人員(續)

### Directors, Supervisors and Senior Management (continued)

吳偉章先生，一九六二年七月出生，博士學位，研究員級高級工程師職稱，現任本公司執行董事、總經理。吳先生一九八八年畢業於清華大學水利學及河流動力專業，獲碩士學位，同年加入哈電集團。曾任本集團電機公司大電機研究所水輪機室副主任、副所長、水電分廠副廠長、電機公司副總工程師兼產品設計部副部長等職務。一九九九年任本集團電機公司副總經理，二零零零年十月任電機公司董事長兼總經理。二零零零年九月任本公司執行董事。吳先生二零零二年獲清華大學博士學位。吳先生還兼任中國電器工業協會大電機分會理事長、中國動力工程水輪機專委會主任委員、中國水輪機標準化技術委員會主任委員、秘書長，哈爾濱工業大學、華中科技大學特聘教授等社會職務。吳先生二零一零年二月任本公司總經理。

**Mr. Wu Wei-zhang**, born in July 1962, is a researcher & senior engineer with a doctor's degree. He now serves as an executive director and the general manager of the Company. Majoring in Hydraulics and River Dynamics, Mr. Wu graduated from Qinghua University with a master's degree in 1988 and joined HE in the same year. Mr. Wu has been a deputy director and deputy head of the turbine department of Electrical Machinery Institute, a deputy manager of hydropower workshop, a vice chief engineer and a vice manager of the product design department of the Electric Machinery Company of the Group. Mr. Wu was appointed as the deputy general manager and the chairman and general manager of the Electric Machinery Company of the Group in 1999 and in October 2000, respectively. He was appointed as an executive director of the Company in September 2000. Mr. Wu obtained a doctor's degree at Qinghua University in 2002. He also holds lots of social posts, including the director general of the large electrical equipment branch of China Electrical Equipment Industrial Association, a directorate member of the water turbine special committee of China Power Project (中國動力工程), a directorate member and director general of China Water Turbine Standardized Technology Committee (中國水輪機標準化技術委員會) as well as a special-term professor of Harbin Institute of Technology and Huazhong University of Science and Technology. Mr. Wu has been serving as the general manager of the Company since February 2010.

商中福先生，一九六一年三月出生，工商管理碩士學位，研究員級高級工程師，現任本公司執行董事、副總經理。商先生一九八二年畢業於哈爾濱工業大學汽輪機專業，同年加入哈電集團。曾任本集團原汽輪機廠設計研究所副科長、副所長、副總經濟師、副總工程師等職務。一九九八年十月任本集團汽輪機公司副總經理。一九九九年十一月任本集團汽輪機公司董事長兼總經理。二零零零年九月任本公司執行董事。二零零二年二月任本公司副總經理。

**Mr. Shang Zhong-fu**, born in March 1961, is a research & senior engineer and a master of business administration. He now serves as an executive director and deputy general manager of the Company. Majoring in steam turbine, Mr. Shang graduated from Harbin Institute of Technology in 1982 and joined HE in the same year. He has been an assistant section head and deputy head of the Design Research Institute, vice chief economist and vice chief engineer of former Turbine Works of the Group. He was appointed as a deputy general manager and the chairman and general manager of the Turbine Company of the Group in October 1998 and November 1999, respectively. In September 2000, he was appointed as an executive director of the Company and in February 2002, as a deputy general manager of the Company.

## 董事、監事及高級管理人員(續) Directors, Supervisors and Senior Management (continued)

### 獨立董事

**孫昌基先生**，一九四二年八月出生，研究員級高級工程師。現任本公司獨立董事、中國機械工業聯合會特別顧問、國家核電技術公司籌備組副組長。孫先生一九六六年九月畢業於清華大學，一九六八年參加工作。先後任東方汽輪機廠科長、車間主任、副廠長、廠長等職務。一九九一年一月調任機械工業部生產司副司長，一九九三年四月任國家機械工業部副部長。一九九八年四月任國家機械工業局常務副局長(副部長級)。一九九九年一月起任中國銀行黨委副書記、副行長(副部長級)。一九九九年九月至二零零一年八月兼任中國東方資產管理公司總裁。二零零零年十一月起任中國銀行副董事長，二零零一年九月起兼任中銀香港副董事長，並於二零零三年六月兼任中國銀行紀委書記。自二零零四年八月起專任中銀香港副董事長，兼任中國機械工業聯合會副會長。二零零三年一月當選為中國人民政治協商會議第十屆全國委員會委員。二零零四年十月起兼任國家核電技術公司籌備組副組長。二零零九年十二月任本公司獨立董事。

**賈成炳先生**，一九四二年七月出生，大學本科學歷，高級工程師職稱，現任本公司獨立董事、中國機械工業聯合會特別顧問、中國鑄造協會理事等職務。賈先生一九六五年畢業於合肥工業大學鑄造專業，同年七月參加工作。曾任國家機械電子工業部、機械工業部副處長、處長。機械工業部人事勞動司司長、辦公廳主任、機械工業部黨組成員。二零零一年三月起先後任國務院大型企業監事會主席(中國材料工業科工集團、中國船舶工業集團公司、國家開發投資公司)等職務。二零零六年二月任中國機械工業聯合會執行副會長、特別顧問、中國鑄造協會理事等職務。二零零六年九月任本公司獨立董事。

### Independent Directors

**Mr. Sun Chang-ji**, born in August 1942, researcher & senior engineer, is an independent director of the Company and special advisor for China Machinery Industry Federation, and deputy head of the Preparatory Team for State Nuclear Power Technology Corporation. Mr. Sun graduated from Tsinghua University in September 1966, and started his career in 1968. He worked in Sichuan Oriental Turbine Factory, serving as Section Head, Workshop Director, Deputy Factory Manager and Factory Manager. In January 1991, he was appointed as Deputy Director-general of the production department of the Ministry of Machinery Industry of the PRC, and later he became Vice Minister of the Ministry of Machinery Industry of the PRC in April 1993. In April 1998, he became First Deputy Director-general of the State Administration of Machinery Industry of the PRC (deputy ministerial level). He became Deputy Party Secretary and Vice President (deputy ministerial level) of Bank of China in January 1999, and served concurrently as President of China Orient Asset Management Corporation for the period from September 1999 to August 2001. He became Vice Chairman of Bank of China in November 2000, Vice Chairman of Bank of China (Hong Kong) Limited in September 2001 and Secretary of Commission for Discipline Inspection of Bank of China in June 2003 concurrently. From August 2004, he has been appointed as Vice Chairman of Bank of China (Hong Kong) Limited and Vice Chairman of China Machinery Industry Federation concurrently. He was elected as a member of the 10th CPPCC National Committee in January 2003, and deputy head of the Preparatory Team for State Nuclear Power Technology Corporation in October 2004 concurrently. Since December 2009, he has been an independent director of the Company.

**Mr. Jia Cheng-bing**, born in July 1942, senior engineer with a bachelor's degree, is an independent director of the Company, special advisor for China Machinery Industry Federation, and president of China Foundry Association. He graduated from Hefei University of Technology in Foundry in 1965, and started his career in July of the same year. He served as chief and deputy chief at Ministry of Machinery Electronics Industry and Ministry of Machine Building Industry, director of Personnel and Labor Division, head of office and Party Commissioner at Ministry of Machine Building Industry. From March 2001, he served as chairman of the Supervisory Committee for various large State Council organizations (China National Materials Industry Group, China State Shipbuilding Corporation, The State Development and Investment Corp.). In February 2006, he was appointed as deputy managing directors and special advisor of China Machinery Industry Federation and president of China Foundry Association. He has been an independent director of the Company since September 2006.

## 董事、監事及高級管理人員(續)

### Directors, Supervisors and Senior Management (continued)

李荷君女士，一九四四年六月出生，大學本科學歷，高級經濟師職稱，現任本公司獨立董事、西南鋁業(集團)有限公司副董事長、中國女企業家協會常務理事、金融理財諮詢委員會委員。李女士一九六六年畢業於中央財政金融學院(現中央財經大學)財政專業，同年八月參加工作。曾任河南省計委副處長、處長，中國建設銀行河南省分行副行長、黨組副書記。一九九三年任中國建設銀行河南省分行行長、黨組書記，河南省投資學會會長。一九九九年任中國信達資產管理公司執行委員會主任委員、審核委員會主任委員。二零零四年起任中國信達資產管理公司專家諮詢委員會委員，西南鋁業(集團)有限公司副董事長、陝西韓城煤礦公司副董事長、中國女企業家協會常務理事、金融理財諮詢委員會委員。二零零六年九月任本公司獨立董事。

于渤先生，一九六零年十月出生，博士學位，教授，博士生導師，現任本公司獨立董事、哈爾濱工業大學經濟與管理學院院長。于先生一九八一年畢業於哈工大工業電氣自動化專業，一九八二年參加工作，曾任哈工大管理學院助教、講師、副教授、教授；二零零零年任哈工大管理學院工商管理系主任，二零零二年任哈工大管理學院MBA教育中心主任，二零零三年任哈工大管理學院院長助理、MBA教育中心主任，二零零八年任哈爾濱工業大學經濟與管理學院院長。于先生還兼任中國能源研究會能源系統工程委員會副主任、全國工商管理碩士(MBA)教育指導委員會委員、中國兵工學會軍工科技管理委員會委員、中國技術經濟研究會理事、北京宇航學會航天技術經濟委員會委員、航天科研管理研究會理事、黑龍江省財政預算理事會理事、黑龍江科學技術顧問委員會工業組專家等社會職務。二零零九年十二月任本公司獨立董事。

**Ms. Li He-jun**, born in June 1944, senior economist with a bachelor's degree, is an independent director of the Company, vice chairperson of the Board of Southwest Aluminum (Group) Co. Ltd, executive director of China Association of Women Entrepreneurs and committee member of the Financial Advisory Committee. Ms. Li graduated from Central Institute of Finance and Economics (currently known as Central University of Finance and Economics) in Finance and Accounting in 1966, and started her career in August of the same year. She has served as chief and deputy chief of the Planning Commission of Henan Province, Vice President and Deputy Party Secretary of China Construction Bank Henan Branch. In 1993, she became President and Party Secretary of China Construction Bank Henan Branch and director of Henan Provincial Investment Association. In 1999, she became chief commissioner of both the Execute Commission and the Audit Commission for China Cinda Asset Management Corporation. Since 2004, she has been appointed as commissioner of the Expert Advisory Commission of China Cinda Asset Management Corporation, vice chairperson of the Board of Southwest Aluminum (Group) Co. Ltd, vice chairperson of the Board of Shanxi Hancheng Coal Company, executive director of China Association of Women Entrepreneurs and commissioner of Finance Inquiry Commission. She has been an independent director of the Company since September 2006.

**Mr. Yu Bo**, born in October 1960, is a professor with a doctor degree, tutor for doctoral candidates, independent director of the Company, dean of School of Management Harbin Institute of Technology (SMHIT). Mr. Yu graduated from industrial electric automation, Harbin Institute of Technology in 1981, and began his career from 1982. He was a teacher, lecturer, associate professor, professor of School of Management Harbin Institute of Technology; he became director of Management Department of SMHIT in 2000, director of MBA School of SMHIT in 2002, and dean assistant of SMHIT, director of MBA School in 2003, dean of SMHIT since 2008. Mr. Yu is also a deputy director of Energy System Engineering Committee of China Energy Research Society, a member of National MBA Education Committee, a member of Military Technology Administration of China Ordnance Society, a councilman of Chinese Society of Technology Economics, a member of Space Technology Committee of Beijing Society of Astronautics, a councilman of Aerospace Research Society, a councilman of Heilongjiang Provincial Budgetary Council, an industrial expert of Heilongjiang Science and Technology Consultation. He was appointed as independent director of the Company since December 2009.

## 董事、監事及高級管理人員(續) Directors, Supervisors and Senior Management (continued)

劉登清先生，一九七零年十一月出生，清華大學管理學博士，現任本公司獨立董事、中國註冊資產評估師、註冊房地產估價師、註冊礦業權評估師，首屆全國十佳青年評估師，現為北京中企華資產評估有限責任公司合夥人、常務副總裁兼首席評估師。現為第十屆全國青聯委員；中國資產評估協會理事；中國資產評估協會首批資深會員；國務院國有資產監督管理委員會、財政部評估項目審核專家組成員；中國證監會第十屆、第十一屆發審委委員；中國資產評估協會資產評估準則技術委員會委員、企業價值評估專業委員會委員、無形資產評估專業委員會委員、中國註冊資產評估師後續教育編委會委員，北京註冊會計師協會資產評估專業委員會委員、宣傳委員會委員，《北京註冊會計師》編委會委員。二零零九年十二月任本公司獨立董事。

### 離任董事

以下董事於二零零九年七月離任董事：

曲大莊先生，一九五七年三月出生，博士學位，研究員級高級工程師職稱，現任國家核電技術公司黨組成員、副總經理，曲先生一九八二年七月畢業於北京航空學院，後於一九八四年九月就讀於哈爾濱工業大學應用力學專業，獲碩士學位，並於一九九三年九月獲一般力學專業博士學位。曲先生曾任哈爾濱電機廠電機研究所規劃室副主任、主任、副所長，哈爾濱電機廠有限責任公司副總工程師兼電機研究所所長，哈爾濱電機廠有限責任公司副總經理。二零零零年八月任哈電集團公司副總經理。二零零二年任哈電集團公司副總經理、哈爾濱汽輪機廠有限責任公司董事長兼總經理。二零零六年九月八日任本公司總經理，九月二十九日任本公司執行董事。

**Mr. Liu Deng-qing**, born in November 1970, doctor for management of Tsinghua University, independent director of the Company, a CPV, CREA, and CMRA (Certified Mining Rights Appraiser) of China. He is one of first the Top Ten Youth Appraisers; a partner, vice president and chief appraiser of China Enterprise Appraisal Company. He is a member of the Tenth China Youth Federation; a councilman of China Appraisal society; fellow member of China Appraisal society; a member of State-owned Assets Supervision and Administration Commission of the State Council, ("SASAC"), and Project Appraisal Expert Group of the Ministry of Finance; a member of the tenth and eleventh Issuance Verification Committee of the China Securities Regulatory Commission; a member of Appraisal Standard Committee of China Appraisal society; a member of Enterprise Valuation Committee, and Intangible Asset Appraisal Committee, and Continuation Education Committee of CPV; a member of Appraisal Committee of CPA Beijing, and Publicity Committee; a member of Editorial Committee of *CPA Beijing*. He was appointed as independent director of the Company since December 2009.

### Resignation of Directors

The following directors have resigned from their positions in July 2009:

**Mr. Qu Da-zhuang**, born in March 1957, is a researcher and senior engineer and with a doctor degree, member of Party Committee and deputy general manager of SNPTC. Mr. Qu graduated from Beijing University of Aeronautics and Astronautic in July 1982. He studied at the department of applied mathematics and mechanics of Harbin Institute of Technology from September 1984 and graduated with a master degree, subsequently obtained a doctor degree in astronautic engineering and mechanics in September 1993. Mr. Qu has been deputy director, director and vice superintendent of planning office of the research institute of Harbin Electrical Machinery Plant; deputy chief engineer of the Harbin Electrical Machinery Company Limited and superintendent of the research institute; deputy general manager of Harbin Electrical Machinery Company Limited. In August 2000, he had been deputy general manager of HE. In 2002, he was deputy general manager of HE; chairman of the Board and general manager of Harbin Turbine Company Limited. He was appointed as general manager of the Company on 8th September, 2006, and executive director on 29th September, 2006.



## 董事、監事及高級管理人員(續)

### Directors, Supervisors and Senior Management (continued)

董事會換屆後，以下董事於二零零九年十二月離任董事：

**周道炯先生**，一九三三年十二月出生，現任中國陶行知基金會理事長，中國投資發展促進會會長，中國財政學會、中國市場經濟學會顧問，北京大學、中國人民大學、中南財經大學、東北財經大學、西南財經大學兼職教授等職務。周先生一九五零年參加工作，先後任安徽省財政廳廳長，省人民政府秘書長，中國建設銀行行長，中國投資銀行董事長，國務院證券委常務副主任，國家開發銀行副行長及中國證券監督管理委員會主席等職務。二零零零年九月起任本公司獨立董事。

**丁雪梅女士**，一九五九年十月出生，博士學位，大學教授職稱，現任哈爾濱工業大學副校長。丁女士一九八六年畢業於哈爾濱工業大學，獲工學碩士學位，一九九一年赴瑞士洛桑聯邦工業大學留學，一九九五年獲該校工學博士學位，後於該校從事博士後科研工作。丁博士曾先後任哈爾濱工業大學副教授、教授、博士生導師以及研究生院培訓處處長、副院長等職務，一九九八年起任常務副院長。丁博士現兼任中國研究生院院長聯席會執行主席、哈爾濱市科協副主席職務。二零零零年九月起任本公司獨立董事。

**姜魁先生**，一九五二年一月出生，大學本科學歷，教授級高級工程師職稱，現任中國電力財務有限公司董事長、黨組書記。姜先生畢業於東北農業大學，一九六九年參加工作。姜先生曾任黑龍江省電力設計院技術員，黑龍江省電力工業局教育處副科長、科長、副處長、教育培訓部副主任，黑龍江省電力有限公司總經理工作部主任、副總經濟師、副總經理等職務，二零零五年十一月任黑龍江省電力有限公司總經理。二零零六年九月起任本公司獨立董事。

Upon re-election of the Board, the following directors have resigned from their positions in December 2009:

**Mr. Zhou Dao-jiong**, born in December 1933, chairman of Tao Xing-zhi Fund of China, chairman of Investment Committee of China, advisor to Society of Finance of China and Society of Market Economic of China, and part-time professor in Beijing University, People's University of China, Central South Economic and Finance University, Northeast Economic and Finance University and Southwest Economic and Finance University. Mr. Zhou began his career in 1950 and has been the head of Finance Department of Anhui provincial government and secretary-general of provincial government, president of China Construction Bank and chairman of China Investment Bank, deputy executive director of Securities Committee of State Council, deputy president of State Development Bank and chairman of Securities Supervisory & Management Committee of China. He was appointed as independent director of the Company since September 2000.

**Ms. Ding Xue-mei**, born in October 1959, professor and with a doctor degree, now vice chancellor of Harbin Institute of Technology. Ms. Ding graduated from Harbin Institute of Technology in 1986 and was conferred master degree. In 1991, she studied in Lausanne Federal Institute of Industry of Swiss, engaged in research work in this institute after she was conferred doctor degree in 1995. Dr. Ding has been appointed as assistant professor, professor, tutor for doctoral candidates in Harbin Institute of Technology, head of training department of Graduate School and deputy director of Graduate School. She was appointed as the executive deputy director in 1998. Dr. Ding is now the executive chairman of Joint Conference for Directors of Graduate School of China and vice chairman of Harbin Science & Technology Association. She was appointed as independent director of the Company since September 2000.

**Mr. Jiang Kui**, born in January 1952, senior engineer (professor level) with a bachelor degree, now serves as the chairman and secretary of Party Committee of China Power Finance Co., Ltd. Mr. Jiang graduated from Northeast Agricultural University, and began his career in 1969. Mr. Jiang has been technician of Heilongjiang Electric Power Design Institute; deputy section manager, section manager, deputy section chief of Heilongjiang Electric Power Industry Bureau, education section; deputy director of the education and training department; director of the general manager's office, deputy chief financial official, and deputy general manager of the Heilongjiang Power Co. Ltd. He was appointed as general manager of Heilongjiang Power Co. Ltd. in November 2005. He was appointed as independent director of the Company in September 2006.

## 董事、監事及高級管理人員(續) Directors, Supervisors and Senior Management (continued)

### 監事

#### 股東代表監事

王志森先生，一九五零年出生，大學學歷，高級工程師職稱，現任本公司紀委書記、監事會主席及哈電集團公司黨委常委、紀委書記。王先生於一九七五年十二月清華大學電力工程系電機專業畢業，同年參加工作。曾任機械工業部幹部司企業幹部管理處副處長，機械工業部人勞司綜合處副處長。一九八九年任中國機電報社信息部主任。一九九二年任機電部儀器儀錶綜合技術研究所所長、黨委書記。一九九五年一月任內貿部辦公廳副主任兼部長辦主任、部黨組秘書。一九九五年七月任中國農業機械總公司黨委書記、副總經理。一九九六年任國家體改委辦公廳主任、國務院體改辦秘書行政司司長。一九九八年任華星物產公司黨委書記、紀委書記。一九九九年任中國華星集團公司董事、黨委書記、紀委書記。二零零一年任中國華星集團公司黨委書記、副總經理。二零零七年六月任哈爾濱濱電站設備集團公司(現「哈爾濱電氣集團公司」)黨委常委、紀委書記，同時任本公司黨委常委、紀委書記。二零零八年三月起任本公司監事會主席。

陳光先生，一九六四年八月出生，研究生學歷，高級工程師職稱，現任本公司股東代表監事、本集團鍋爐公司企業管理發展處處長。陳先生一九八六年畢業於西安交通大學，同年加入哈電集團，曾任本集團鍋爐公司設計處設計員、廠辦秘書，備品配件公司副經理、管二分廠副書記兼工會主席、汽包分廠書記、廠長，管一分廠廠長、安技處處長兼書記等職務，二零零九年八月起任鍋爐公司企業管理發展處處長兼書記。二零零九年十二月任本公司股東代表監事。

### SUPERVISORS

#### Supervisors representing shareholders

**Mr. Wang Zhi-sen**, born in 1950, senior engineer with bachelor's degree, is secretary of Discipline Committee and chairman of the Supervisory Committee of the Company, and a member of the Standing Committee of Communist Party and secretary of Discipline Committee of HE. Mr. Wang studied electric power engineering at Qinghua University and graduated in December 1975. He started his career in the same year and was appointed as deputy director of Enterprise Cadre Administration Office of Department of Cadre and deputy director of the general office of Personnel and Labor Department under the Ministry of Machine-Building Industry. He was appointed as director of Information Department of China Electrical Engineering News in 1989, head and secretary of Party Committee of Instrument and Meter Technology Institute under Ministry of Machinery and Electronics Industry in 1992, deputy director of general office and director of the director office of Ministry of Internal Trade and secretary of Party Committee in January 1995, secretary of Party Committee and vice general manager of China National Agricultural Machinery Corporation in July 1995, head of office of State Commission for Economic Restructuring and head of the secretary administration division of the Economic Restructuring Office of the State Council in 1996, secretary of Party Committee and secretary of Discipline Committee of Huaxing Products Corporation in 1998, director, secretary of Party Committee and secretary of Discipline Committee of China Huaxing Group in 1999, secretary of Party Committee and deputy general manager of China Huaxing Group in 2001. In June 2007, he was appointed as a member of the Standing Committee of Communist Party and secretary of Discipline Committee of Harbin Power Plant Equipment Group Corporation (currently known as Harbin Electric Corporation), and a member of the Standing Committee of Communist Party and secretary of Discipline Committee of the Company. He has been the chairman of the Supervisory Committee of the Company since March 2008.

**Mr. Chen Guang**, born in August 1964, senior engineer with a Master's degree, is a supervisor representing shareholders of the Company and director of the Corporate Management and Development Department of the Boiler Company of the Group. Mr. Chen graduated from Xi'an Jiaotong University in 1986 and joined HE in the same year. He was appointed as a designer of the Design Department of the Boiler Company of the Group, secretary of factory office, deputy manager of the spare parts company, deputy secretary and chairman of Labor Union of No. 2 Pipe Workshop, secretary and head of Drum Workshop, head, director of Security Department and secretary of No. 1 Pipe Workshop. He was appointed as the director and secretary of the Corporate Management and Development Department of the Boiler Company since August 2009. He has been a supervisor representing shareholders since December 2009.

## 董事、監事及高級管理人員(續)

### Directors, Supervisors and Senior Management (continued)

#### 職工代表監事

**盧春蓮女士**，一九五九年三月出生，大學學歷，高級工程師職稱，現任本公司職工代表監事和本集團電機公司副總工程師兼大電機研究所副所長。盧女士一九八二年畢業於哈爾濱電工學院絕緣材料專業，同年加入哈電集團。曾任本集團電機公司大電機研究所絕緣材料研究室工程師、副主任以及電機公司綫圈分廠技術室主任、綫圈分廠廠長等職務，二零零二年起任電機公司綫圈分廠廠長，二零零三年九月任本公司職工代表監事，二零零八年三月任電機公司副總工程師，二零零九年四月任電機公司大電機研究所副所長。

**高旭光先生**，一九七一年六月出生，學士學位，高級工程師職稱，現任本公司職工代表監事、哈爾濱汽輪機廠有限責任公司黨委組織部部長。高先生畢業於哈爾濱工業大學電化學專業，獲學士學位，一九九四年七月參加工作。高先生曾任哈爾濱汽輪機廠有限責任公司總經理辦公室副主任、董事會秘書、企業發展研究中心主任。二零零三年任本公司職工代表監事。二零零九年十月任汽輪機公司黨委組織部部長。

#### Supervisors representing staff and workers

**Ms. Lu Chun-lian**, born in March 1959, senior engineer with bachelor's degree, is a supervisor representing staff and workers of the Company and deputy chief engineer of the Electric Machinery Company and deputy director of the Electric Machinery Institute of the Group. Ms. Lu studied Insulation Material in Harbin Institute of Electrical Engineering and graduated in 1982. She joined the group in the same year and was appointed as an engineer and deputy director of Insulation Material Research Office under Electrical Machinery Research Institute, head and director of technology department of coil factory in the Electric Machinery Company. She has been the head of coil workshop in the Electric Machinery Company since 2002, supervisor representing staff and workers of the Company since September 2003, deputy chief engineer of the Electric Machinery Company since March 2008, and deputy director of the Electric Machinery Institute under the Electric Machinery Company since April 2009.

**Mr. Gao Xu-guang**, born in June 1971, senior engineer with bachelor's degree, is a supervisor representing staff and workers of the Company and head of Organization Department of the Party Committee of Harbin Turbine Company Limited. Mr. Gao studied Electrochemistry in Harbin Institute of Electrical Engineering and graduated with a bachelor's degree. He starts his career in July 1994. He was appointed as deputy director of the general manager's office, secretary of the Board and director of Corporate Development Center of Harbin Turbine Company Limited. He has been a supervisor representing staff and workers since 2003 and head of Organization Department of the Party Committee of the Turbine Company since October 2009.

## 董事、監事及高級管理人員(續)

### Directors, Supervisors and Senior Management (continued)

#### 獨立監事

徐二明先生，一九四九年十二月出生，博士學位，教授，博士生導師，現任本公司獨立監事、中國人民大學研究生院副院長。徐先生一九七八年畢業於中國人民大學工業經濟系並留校參加工作，曾任助教、講師、副教授、教授。一九九一年任中國人民大學中加大學管理教育項目辦公室主任，後任中國人民大學工業經濟系副主任(兼)、中國人民大學工商管理教育中心副主任(兼)和中國人民大學外國經濟管理研究所副所長。一九九六年任中國人民大學工商管理學院副院長，一九九七年任院長，二零零六年六月起任中國人民大學研究生院副院長。現任中國人民大學第十屆校學術委員會副秘書長，中國人民大學第三屆校務委員會委員，兼任國務院學位委員會第六屆工商管理學科評議組成員，中國企業管理研究會副會長，北京現代企業研究會會長，中國電信股份有限公司獨立非執行董事，享受國務院政府特殊津貼。還曾任國務院學位委員會第五屆工商管理學科評議組副召集人，全國MBA教育指導委員會委員，教育部高校工商管理類教學指導委員會主任委員。徐二明教授被國內浙江大學等十余所大學聘為兼職教授，並先後在美國布法羅紐約州立大學(New York State University at Buffalo)、斯克蘭頓大學(The University of Scranton)、澳大利亞悉尼科技大學(University of Technology, Sydney, Australia)、日本國立九州大學以及香港理工大學任教。二零零九年十二月任本公司獨立監事。

#### Independent Supervisor

**Mr. Xu Er-ming**, born in December 1949, professor and Ph.D. supervisor with a Doctor's Degree, is an independent supervisor of the Company and Deputy Dean of School of Graduate Studies of the Renmin University of China. Mr. Xu graduated from the Department of Industrial Economics of Renmin University of China in 1978 and stayed at the university after his graduation, where he worked as tutor, lecturer, associate professor and professor. He was appointed as the director of office for Canada-China Management Education Program of the Renmin University of China in 1991, and later the deputy director of the Department of Industrial Economics, the deputy director of the Center for Business Administration Education and the deputy director of Institute of Foreign Economic Management of the Renmin University of China at the same time. He was appointed as the Deputy Dean of Business Administration of the Renmin University of China in 1996 and the Dean in 1997. He has been appointed as the Deputy Dean of School of Graduate Studies of the Renmin University of China since June 2006. He is now Deputy Secretary-General of the Tenth Session of the Academic Committee, and a member of the Third Session of the University Affairs Committee of the Renmin University of China, a member of the Sixth Session of the Business Administration Academic Appraisal Group of the Academic Degree Committee of the State Council, Vice Chairman of the Chinese Enterprise Management Research Association, and Chairman of Beijing Contemporary Enterprise Research Association, independent non-executive director of China Telecom Corporation Limited. He is entitled to the State Council's special government allowances. He has also been appointed as Associate Convener of the Fifth Session of the Business Administration Academic Appraisal Group of the Academic Degree Committee of the State Council, a member of the Advisory Committee of National MBA Education, and a director of the Advisory Committee for University Business Administration Education lead by Ministry of Education. Professor Xu is a visiting professor at over 10 universities in China including Zhejiang University, and has been teaching at New York State University at Buffalo, the University of Scranton, the University of Technology, Sydney, Australia, the Kyushu University, Japan and Hong Kong Polytechnic University. He has been an independent supervisor of the Company since December, 2009.

## 董事、監事及高級管理人員(續) Directors, Supervisors and Senior Management (continued)

### 離任監事

監事會換屆後，以下監事於二零零九年十二月離任監事：

**楊旭先生**，一九六四年五月出生，研究生學歷，高級工程師職稱，現任本集團鍋爐公司預熱器公司黨支部書記、副總經理。楊先生一九八六年畢業於吉林工業大學，同年加入哈電集團，曾任本集團鍋爐公司企管辦企管員、組長，總經理辦公室秘書、組長、企業管理發展處處長助理等職務，二零零零年任企業管理發展處副處長，二零零零四年任企業管理發展處處長。

### 高級管理人員

**張海權先生**，一九六一年九月出生，工商管理碩士學位，高級工程師職稱，現任本公司副總經理。張先生一九八四年畢業於哈爾濱電工學院，同年加入哈電集團。曾任本集團原鍋爐廠機修分廠工程師，廠黨委辦公室秘書及主任助理等職務。張先生一九九四年參加哈電集團股改及本公司股票發行與上市工作。一九九四年十一月起先後任本集團鍋爐公司總經理辦公室副主任、計劃處副處長及企業管理處處長、審計法律處處長等職務。一九九八年調任哈電集團公司及本公司黨委常委、組織部部長；一九九九年調任哈電集團所屬企業——阿城繼電器集團公司及阿城繼電器股份有限公司黨委書記、副董事長。二零零零年十月起任本公司副總經理。

### Resignations of Supervisors:

After the re-election of the Supervisory Committee, the following supervisors resigned at December, 2009:

**Mr. Yang Xu**, born in May 1964, is a senior engineer with a master degree. He now serves as the secretary of the Communist Party's branch committee and deputy general manager of the Preheater Company (預熱器公司) and the Boiler Company of the Group. Mr. Yang graduated from Jilin Industry University in 1986 and joined HE in the same year. He has been an officer in the enterprise management department, a team leader, the secretary of general manager office and an assistant of the director of the enterprise management and development department of the Boiler Company of the Group. In 2000, he was appointed as the deputy director of the enterprise management and development department. In 2004, he was appointed as the director of the enterprise management and development department.

### SENIOR MANAGEMENT

**Mr. Zhang Hai-quan**, born in September 1961, is a senior engineer and master of business administration. He now serves as the deputy general manager of the Company. Mr. Zhang graduated from Harbin Institute of Electrical Engineering in 1984 and joined HE in the same year. He has been an engineer of the enginery repairing workshop, the secretary and an assistant of the director of the Communist Party Committee Office of former Boiler Works of the Group. In 1994, Mr. Zhang participated in the reorganization of HE to be a shareholding enterprise and the issuance and listing of the Company's shares. Since November 1994, he has been appointed as the deputy director of the general manager office, the deputy director of the planning department and director of the enterprise management department, and the director of the auditing and law department of the Boiler Company of HE. In 1998, he was transferred to be a member of the HE's and the Company's Standing Communist Party Committee and director of the organization department. In 1999, Mr. Zhang was appointed as the secretary of the Communist Party Committee and vice chairman of Archeng Relay Group Company and Archeng Relay Company Limited of the Group. He has been served as the deputy general manager of the Company since October 2000.

## 董事、監事及高級管理人員(續) Directors, Supervisors and Senior Management (continued)

**劉智全先生**：一九六八年七月出生，工商管理碩士學位，高級會計師職稱，現任本公司副總經理。劉先生畢業於哈爾濱工業大學工業會計專業，獲學士學位，後就讀於哈爾濱工業大學MBA專業，獲碩士學位，一九九一年九月參加工作。曾任本集團哈爾濱鍋爐廠財務處處長助理、副處長、處長，副總會計師兼財務處處長。二零零一年四月任哈爾濱鍋爐廠有限責任公司副總經理。二零零六年九月起任本公司副總經理。

**韓建偉先生**：一九五五年六月出生，學士學位，研究員級高級工程師職稱，現任本公司副總經理。韓先生一九七三年十月參加工作，一九八二年畢業於哈爾濱工業大學，獲學士學位。曾任本集團哈爾濱鍋爐廠設計處設計員，哈爾濱鍋爐廠用戶服務處安裝員、副處長，哈爾濱鍋爐廠有限責任公司生產長兼生產處長，哈爾濱鍋爐廠有限責任公司副總經濟師，哈爾濱鍋爐廠有限責任公司副總經理，哈爾濱鍋爐廠有限責任公司董事長、總經理，二零零七年十二月起任本公司副總經理。

### 公司秘書

**馬遂先生**：一九五七年三月出生，工商管理碩士學位，副教授職稱，現任本公司公司秘書兼辦公室主任。馬先生一九七六年參加工作，一九八二年畢業於東北重型機械學院，同年加入哈電集團，曾於本集團原電機廠長期從事員工培訓和企業策劃工作。先後擔任職工大學副校長、公司辦公室副主任、企業策劃部部長、副總經濟師等職務。二零零三年五月起任本公司辦公室主任，二零零六年三月起兼任董事會秘書局主任，四月起兼任公司秘書。

**Mr. Liu Zhi-quan**, born in July 1968, is a senior accountant and master of business administration. He now serves as the deputy general manager of the Company. Mr. Liu graduated from Harbin Institute of Technology, majoring in industrial accounting with a bachelor's degree. He subsequently obtained his MBA qualification from the same university. He started his career in September 1991. He has been an assistant of the director, the deputy director and the director of finance department, and the deputy chief accountant and director of finance department of the Boiler Company of the Group. He was appointed as the deputy general manager of the Boiler Company in April 2001. Mr. Liu has been served as deputy general manager of the Company since September 2006.

**Mr. Han Jian-wei**, born in June 1955, is a researcher & senior engineer with a bachelor's degree. He now serves as the deputy general manager of the Company. Mr. Han started his career in October 1973. He graduated from Harbin Institute of Technology in 1982 with a bachelor's degree. He has been a designer of the design division, an installation worker and the deputy director of the user service division and the head and director of the production division of Harbin Boiler Company Limited of the Group. He has also served as the vice chief economist, the deputy general manager, the chairman and the general manager of Harbin Boiler Company Limited. He has been served as the deputy general manager of the Company since December 2007.

### COMPANY SECRETARY

**Mr. Ma Sui**, born in March 1957, is an associate professor and a master of business administration. He now serves as the company secretary of the Company and the director of office. Mr. Ma started his career in 1976. He graduated from Northeast Heavy Machinery Institute in 1982 and joined HE in the same year. He used to work on staff training and corporate planning at the Group's former electrical machinery plant. He has been the vice chancellor of our Staff College, the deputy director of office, the director of the corporate planning department and the deputy chief economist of the Company. He has been served as the director of office since May 2003, and assumed two additional posts as the director of the secretariat of the Board and the company secretary since March and April 2006, respectively.

# 董事會報告書

## Report of the Directors

董事會欣然提呈本集團2009年年度報告和截至2009年12月31日止年度經審計的財務報表。

### 主要業務

本公司及其主要附屬公司主要從事各種發電設備的生產、銷售及電站工程服務業務，詳情載於財務報表附註6。

本集團所有業務均以中國為基地，其中約84.89%之集團營業額來自中國。

截至2009年12月31日止年度，本集團產品出口營業額為63,290萬美元，佔總營業額的15.11%。本集團的出口地區主要包括亞洲、非洲、俄羅斯等地區。

### 附屬公司

本公司擁有7家主要附屬公司。哈爾濱電機廠有限責任公司主要從事水輪發電機組、汽輪發電機的生產與銷售；哈爾濱鍋爐廠有限責任公司主要從事電站鍋爐的生產與銷售；哈爾濱汽輪機廠有限責任公司主要從事電站汽輪機的生產與銷售；哈爾濱電站工程有限責任公司主要從事電站項目總承包及電站設備成套業務；哈電集團(秦皇島)重型裝備有限公司主要從事大型火電、核電、燃氣輪機等設備的生產和裝配；哈爾濱電機廠交流電機有限責任公司主要從事大中型交直流電機、核電主泵電機的生產和銷售；哈電集團哈爾濱電站閥門有限公司主要從事電站閥門的生產和銷售。

於2009年12月31日，本公司主要附屬公司詳情載於本年報財務報表附註44。

The Directors are pleased to submit 2009 annual report and audited financial statements for the year ended 31st December, 2009 of the Group.

### PRINCIPLE ACTIVITIES

The Company and its principal subsidiaries are mainly engaged in manufacturing and sales of various kinds of power equipments and power station engineering services, details of which are set out in Note 6 to the financial statements.

All the activities of the Group are based in the PRC, where 84.89 per cent of the Group's turnover is derived from.

The export sales of the Group for the year ended 31st December, 2009 amounted to US\$632.90 million, representing 15.11 per cent of the Group's total turnover for the year. The Group's export markets mainly include Asian, African countries and Russia.

### SUBSIDIARIES

The Company has seven principal subsidiaries. Harbin Electrical Machinery Co., Ltd is mainly in the field of manufacture and sales of hydro generator units and steam turbine generator units. Harbin Boiler Co., Ltd is mainly in the field of manufacture and sales of boilers for power stations. Harbin Turbine Co., Ltd is mainly in the field of manufacture and sales of steam turbine for power stations. Harbin Power Engineering Co., Ltd is mainly in the field of the turnkey construction of power station projects and complete set of power station equipment. Harbin Power Plant Equipment Corporation (QHD) Heavy Equipment Co., Ltd is mainly in the field of manufacture and assembly of equipments such as large scale thermal power, nuclear power and gas turbine. Harbin Electric Machinery AC-DC Motor Limited Duty Company is mainly in the field of manufacture and sales of medium-to-heavy-duty AC/DC motors and nuclear power main pump motors and HE Harbin Power Plant Valve Company Limited is mainly in the field of manufacture and sales of valves for power stations.

Details of the Company's principal subsidiaries for the year ended 31st December, 2009 are set out in Note 44 to the financial statements of the annual report.

# 董事會報告書(續)

## Report of the Directors (continued)

### 業績及分配

本集團截至2009年12月31日止之年度業績載於本年報第60頁的綜合損益表中。

董事會建議本公司2009年度除稅及少數股東收益後溢利分配如下：

1. 提取法定盈餘公積金人民幣1,253萬元。
2. 董事會建議向2010年5月3日登記在股東名冊的股東派發2009年度股息每股人民幣0.068元，合共派發股息人民幣9,362萬元。H股股東的股息將以港幣支付，匯率乃按2010年4月9日前五天中國人民銀行公佈的人民幣兌港幣匯率市場價計算，即1元人民幣折合港幣1.1375元，H股股東每股可獲股息0.0773元港幣。
3. 本公司定於2010年5月3日至2010年6月2日（包括首尾兩天）暫停辦理股票過戶登記，2009年末期股息將派發於2010年5月3日已經登記在本公司股東名冊之股東。該股息將於2010年8月6日之前派發。為確保有資格收取2009年度末期股息，所有填妥之過戶文件連同有關股票須於2010年4月30日下午4時30分前送達本公司於香港之過戶登記處香港證券登記有限公司，地址為香港灣仔皇后大道東183號合和中心17樓1712-1716室。

### 董事、監事

有關董事及監事的詳情載於本年報《董事、監事及高級管理人員》一節。

### FINANCIAL RESULTS AND DISTRIBUTION

The results of the Group for the year ended 31st December, 2009 are set out in the consolidated income statement on page 60 of the annual report.

The Directors propose the distribution of profit after taxation and minority interests for 2009 as follows:

1. To transfer Rmb12.53 million to the statutory surplus reserve.
2. The Directors propose a dividend of Rmb0.068 per share for 2009 for shareholders who registered on shareholder' list before 3rd May, 2010; payment of dividends totally amounted to Rmb93.62 million. Shareholders of H share will be paid in Hong Kong dollar; the exchange rate used is based on average closing rate of the People's Bank of China during the five days preceding the date of 9th April, 2010, which is Rmb1 for HK\$1.1375. The dividend for every H share will be HK\$0.0773.
3. The Register of members of the Company will be closed from 3rd May, 2010 to 2nd June, 2010, (both days inclusive). Final dividends for 2010 will be distributed to shareholders whose names appear in the Register of members of the Company on 3rd May 2010 before 6th August 2010. In order to qualify for the final dividend for 2009, all completed transfers documents, accompanied by the relevant share certificates, must be lodged with the Company's Registrar, namely, Hong Kong Registrars Limited at Shops 1712-1716, 17th Floor, Hopewell Centre, 183 Queen's Road East, Wan Chai, Hong Kong no later than 4:30 p.m., 30th April 2010.

### DIRECTORS AND SUPERVISORS

Details of directors and supervisors are set out in the Section "Director, Supervisors and Senior Managers" of the annual report.



# 董事會報告書(續)

## Report of the Directors (continued)

### 董事、監事及高級管理人員的股本權益

於2009年12月31日，本公司各董事、監事及高級管理人員概無在本公司及其／或在任何相關法團(定義見《證券及期貨條例》第XV部)的股份、相關股份及／或債券證(視情況而定)中擁有任何需根據《證券及期貨條例》第XV部的第7及第8分部知會本公司及香港聯交所的權益或相關股份或債券證的淡倉(包括根據《證券及期貨條例》該等章節的規定被視為或當作這些董事、監事及高級管理人員擁有的權益或淡倉)，或根據《證券及期貨條例》第352條規定需記錄於本公司保存的登記冊的權益或淡倉，或根據上市規則附錄十中的《上市公司董事進行證券交易的標準守則》須知會本公司及香港聯交所的權益或淡倉。

### 董事、監事的服務合約

各董事及監事均與本公司訂有服務合約，各董事及監事任期自2009年12月11日起為期三年。除此以外，各董事及監事與本集團任何成員公司之間概無任何既有或建議的服務合約。

### 董事、監事在重要合約中的權益

年內各董事或監事概無在本公司及其附屬公司訂立的重要合約中直接或間接擁有權益。

### 董事及監事酬金

截至2009年12月31日止之年度，本公司董事及監事酬金詳情載於本年報財務報表附註11。

### DIRECTORS', SUPERVISORS' AND SENIOR MANAGEMENT'S INTERESTS IN THE SHARE CAPITAL OF THE COMPANY

As at 31st December, 2009, none of the directors, supervisors and senior management of the Company had any interest or short position in the shares, underlying shares and/or debentures (as the case may be) of the Company and/or of any of its associated corporations (within the meaning of Part XV of the SFO) which was required to be notified to the Company and the HKSE pursuant to Divisions 7 and 8 of Part XV of the SFO (including interest and short position which any such director, supervisor or senior management is taken or deemed to have under such provisions of the SFO) or which was required to be entered in the Register kept by the Company pursuant to section 352 of the SFO or which was required to be notified to the Company and the HKSE pursuant to the Model Code for Securities Transactions by Directors of Listing Companies as contained in Appendix 10 to the Listing Rules.

### DIRECTORS' AND SUPERVISORS' SERVICE CONTRACTS

There are service contracts between every director, supervisor and the Company, each with a term of three years effective from 11th December, 2009. Besides this, there are no existing and suggesting service contracts between every director, supervisor and any member company of the Group.

### DIRECTORS' AND SUPERVISORS' INTERESTS IN CONTRACTS OF SIGNIFICANCE

None of the director or supervisor of the Company has any material interest, whether directly or indirectly, in the contracts of significance, to which the Company or any of its subsidiaries is a party during the year.

### REMUNERATION OF DIRECTORS AND SUPERVISORS

Details of the remuneration of the directors or supervisors of the Company for the year ended 31st December, 2009 are set out in Note 11 to the financial statements of the annual report.

# 董事會報告書(續)

## Report of the Directors (continued)

### 獲最高酬金的前五名人士

獲最高酬金的前五名人士均為本公司董事及監事。

### 員工退休及福利計劃

員工退休及福利計劃詳情載於本年報財務報表附註39。

### 固定資產

本集團固定資產的變動詳情載於本年報財務報表附註14。

### 儲備

於2009年12月31日，本集團可供分派的儲備總額為人民幣726,222萬元，本集團年內的儲備變動情況載於財務報表綜合股東權益變動表。

### 財務摘要

本集團過去五年之財務摘要載於本年報《財務摘要》一節。

### 借款

本集團銀行借款和其他借貸細節載於本年報財務報表附註31。

### 購買、出售及贖回本公司之上市證券

本公司及其附屬公司概無購買、出售及贖回本公司之任何上市債券。

### 優先購買權

根據本公司章程或中國法律，並無優先購買權規定本公司須按持股比例向現有股東提呈發售新股之建議。

### FIVE HIGHEST PAID PERSONNEL

The five highest paid personnel of the Company during the year are all directors and supervisors.

### RETIREMENT AND BENEFIT SCHEME

Details of the retirement and benefit scheme are set out in Note 39 to the financial statements of the annual report.

### PROPERTY, PLANT AND EQUIPMENT

Details of the movements in property, plant and equipment of the Group are set out in Note 14 to the financial statements of the annual report.

### RESERVES

The Group's reserves available for distribution are Rmb7,262.22 million until 31st December, 2009. Movements in the reserves of the Group during the year are set out in the Consolidated Statement of Changes in Equity to the financial statements.

### FINANCIAL HIGHLIGHTS

The financial highlights of the Group for the last five years are set out in the Section "Financial Highlights" to the annual report.

### BORROWINGS

Details of bank loans and other borrowings of the Group are set out in Note 31 to the financial statements of the annual report.

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

Neither the Company nor any of its subsidiaries had purchased, sold or redeemed any of the Company's listed securities.

### PRE-EMPTIVE RIGHTS

There are no provisions for pre-emptive rights under the Company's Articles of Association or PRC Law, which would require the Company to issue new shares to the existing shareholders according to their respective proportions of shareholding.

# 董事會報告書(續)

## Report of the Directors (continued)

### 重大訴訟事項

年內本集團無重大訴訟事項。

### 重大合約

本集團年內簽訂的重大合約詳情載於本年報《管理層論述與分析》及《重要事項揭示》一節。

### 主要供應商和客戶

1. 期內本集團首五大供應商合共佔總採購百分比為9.77%。其中最大的供應商為揚州誠德鋼管有限公司，佔總採購百分比為3.17%。
2. 期內本集團首五大客戶合共佔總營業額百分比為18.71%。其中最大的客戶是華能南京金陵發電公司，佔總營業額百分比為4.24%。
3. 本公司董事、監事及其聯繫人以及任何股東（根據董事會所知擁有5%或以上本公司股份者）在上述供應商或客戶中概無任何權益。

### H股所得款項之運用

期內本公司募集資金的運用詳情載於《管理層論述與分析》一節。

### 委託存款及逾期定期存款

於2009年12月31日，本公司在商業銀行或非銀行金融機構未有委託存款，亦未有逾期未取回的存款。

### MAJOR LITIGATION

There is no major litigation of the Group for the year 2009.

### MATERIAL CONTRACTS

The material contracts of the Group for the year are detailed in the Sections "Management Discussion and Analysis" and "Disclosure of Significant Events" of the annual report.

### MAJOR SUPPLIERS AND CUSTOMERS

1. The aggregate amount of purchases during the period attributable to the Group's five largest suppliers represented 9.77 per cent of the Group's total purchases. Among which the largest supplier is Yangzhou Chengde Steel Tube Co. Ltd, representing 3.17 per cent.
2. 18.71 per cent of the total turnover of the Group during the period was attributable to the Group's five largest customers. Amongst which Huaneng Nanjing Jinling Power Limited Company (華能南京金陵發電公司) was the largest customer, accounting for 4.24 per cent of the total turnover.
3. None of the directors, supervisors, their associates or any shareholders of the Company (which to the knowledge of the directors own more than 5 per cent of the Company's share capital) has any interest in above mentioned suppliers or customers.

### PROCEEDS FROM THE H SHARES ISSUE

The use of listing proceeds of the Company for the period details in the Section "Management Discussion and Analysis" of the annual report.

### ENTRUSTED DEPOSITS AND OVERDUE TIME DEPOSITS

As at 31st December, 2009, the Company had no entrusted deposits in commercial banks or non-bank financial institutions and had no due deposits that had not been withdrawn.

## 董事會報告書(續)

### Report of the Directors (continued)

#### 稅收政策

於2008年11月21日，本公司獲認可為高新技術企業之一。根據於2007年3月16日頒佈的中國企業所得稅法，本公司於2008年1月1日起三年可獲15%的優惠稅率。

本集團除某些附屬公司應課稅收入按15%之稅率繳付所得稅以外，位於中國大陸的附屬公司須就其應課稅溢利按稅率25%（2008年：25%）繳納中國企業所得稅。

根據國家稅務總局之規定由2003年10月15日開始，本集團新接出口產品定單退稅率為13%。

根據財政部、國家稅務總局2008年12月18日頒佈的《中華人民共和國增值稅暫行條例》，自2009年1月1日起，本公司及主要附屬公司都將納入增值稅轉型改革的總體範疇內，開始執行新的《中華人民共和國增值稅暫行條例實施細則》，允許公司抵扣其購進設備所含的增值稅。其他為貫徹落實《中共中央、國務院關於實施東北地區等老工業基地振興戰略的若干意見》（中發[2003]11號），支持東北地區老工業基地振興而由國家各部委頒佈的其他優惠政策將繼續實行。

#### 關聯交易

有關關聯交易詳情載於本年報財務報表附註40。

#### TAX POLICIES

On 21 November 2008, the Company was named as one of the High and New Technical Enterprise (高新技術企業). According to the PRC Law on Enterprise Income Tax promulgated on 16 March 2007, the Company is entitled to a concessionary rate of income tax at 15% over 3 years, beginning on 1 January 2008.

Except for certain subsidiaries which are subject to an enterprise income tax rate of 15%, other subsidiaries located in Mainland China are subject to the PRC enterprise income tax at a rate of 25% (2008: 25%) on its assessable profits.

In accordance with regulations of the State Administration of taxation, the rate for tax rebate of the Group's new export products contracts is 13 per cent since 15th October, 2003.

Pursuant to the Provisional Regulations of the PRC on Value-added Tax (《中華人民共和國增值稅暫行條例》) promulgated by the Ministry of Finance and the State Administration of Taxation on 18th December 2008, with effect from 1st January 2009, the Company and its principal subsidiaries will be included in the general framework of the value-added tax system reform and will start implementing the new Implementing Rules of the Provisional Regulations of the PRC on Value-added Tax (《中華人民共和國增值稅暫行條例實施細則》), which allows the Company to deduct the value-added tax incurred for the purchase of equipment. Other incentive policies promulgated by various divisions of the state to implement the Opinions of Central Committee of the Communist Party of China and the State Council on the Revitalization Strategies for Historical Industrial Bases of the Northeast Regions (《中共中央、國務院關於實施東北地區等老工業基地振興戰略的若干意見》) (Zhong Fa (2003) No.11) and support such revitalization will remain effective.

#### CONNECTED TRANSACTIONS

For the connected transactions, see the details in Note 40 to the financial statements of the annual report.

# 董事會報告書(續)

## Report of the Directors (continued)

### 對關聯交易的確認

本公司獨立董事已經審核了載於財務報表附註40中的關聯交易(定義見上市規則)，並且確認：

1. 這些交易是本公司按照其業務一般通常過程達成的；及
2. 這些交易是(I)按照通常商業條款(運用此條款時須參考中國境內由類似的企業達成的類同性質的交易)達成的或(II)(如無可比較的例子)按照對本公司的股東而言，為公平和合理的條款達成的以及；
3. 這些交易是(I)按照與相關的協議條款達成的或(II)(如無這類協議)按照不比第三方可取得的條件差的條款達成的。

### 獨立非執行董事獨立性的確認

本公司已經收到每名獨立非執行董事就其獨立性作出的年度確認函，其獨立性符合《上市規則》第3.13條所載的任何一項獨立指引，屬於獨立人士。

### 股本情況

截至2009年12月31日，本公司總股本為1,376,806,000股，其中發起人持有701,235,000股，佔總股本的50.93%，境外H股股東持有675,571,000股，佔總股本的49.07%。

### CONFIRMATION ON CONNECTED TRANSACTIONS

The Independent Directors of the Company have reviewed the connected transactions (as defined in the Listing Rules) referred to in Note 40 to the financial statements and confirmed that:

1. Such transactions have been entered into by the Company in the ordinary and usual course of its business; and
2. Such transactions have been entered into either (I) on normal commercial terms (which expression will be applied by reference to transactions of a similar nature and to be made by similar entities within PRC) or (II) (where there is no available comparison) on terms that are fair and reasonable so far as the shareholders of the Company are concerned; and
3. Such transactions have been entered into either (I) in accordance with the terms of the relevant agreements governing such transactions or (II) (where there is no such agreement) on terms no less favorable than terms available to third parties.

### CONFIRMATION OF INDEPENDENCE OF THE INDEPENDENT NON-EXECUTIVE DIRECTORS

The Company has already received annual confirmation from each independent non-executive director on his/her independence confirming that his/her independence was in compliance with all independence criteria set out in Rule 3.13 of the Listing Rules and he/she is an independent person.

### SHAREHOLDING STRUCTURE

As of 31st December, 2009, the share capital structure of the Company comprised of 1,376,806,000 shares, of which 701,235,000 shares were held by the promoter (representing 50.93 per cent of the entire share capital) and 675,571,000 shares were held by overseas H shares holders (representing 49.07 per cent of the entire share capital).

## 董事會報告書(續) Report of the Directors (continued)

### 股東人數

於2009年12月31日，本公司股東名冊上持股量最多的首十名股東的持股情況如下：

### NUMBER OF SHAREHOLDERS

As at 31st December, 2009, the top ten registered shareholders who hold the most shares were as follows:

股東名稱 Name of Shareholders	股數 Number of Shares	持股百分比 Percentage of Shares Holdings	備註 Note
1. 哈爾濱電氣集團公司 Harbin Electric Corporation	701,235,000	50.93%	國有法人股 State-owned shares
2. HKSCC Nominees Limited	673,086,598	48.89%	H shares
3. YIP CHOK CUIU	360,000	0.02%	H shares
4. LAM MAN LAI	250,000	0.02%	H shares
5. LU NIM KWOK ALBERT	250,000	0.02%	H shares
6. CHEUNG YUM TIN	200,000	0.02%	H shares
7. CHAN KAM SUEN	100,000	0.01%	H shares
8. HO CHI KUN	100,000	0.01%	H shares
9. KOO CHARLES MOON CHEONG	74,000	0.00%	H shares
10. MOK WING YI	50,000	0.00%	H shares
11. YIH SIU LAI HAR	50,000	0.00%	H shares

# 董事會報告書(續)

## Report of the Directors (continued)

### H股股東股權分析(根據2009年12月31日股東名冊)

### INTEREST'S IN THE SHARE CAPITAL ANALYSIS OF HOLDERS OF H SHARES (ACCORDING TO SHAREHOLDERS LIST AT 31ST DECEMBER, 2009)

範圍	Scope	人數 Number of shareholders	持股數 Number of share holding	佔已發行 H股百分比 Percentage to Issued H shares
1 – 1,000	1 – 1,000	4	402	0.00%
1,001 – 5,000	1,001 – 5,000	64	170,000	0.03%
5,001 – 10,000	5,001 – 10,000	32	266,000	0.04%
10,001 – 100,000	10,001 – 100,000	31	988,000	0.15%
100,001 – 以上	100,001 above	5	674,146,598	99.79%
合計	Total	136	675,571,000	100%

#### 標準守則

經向董事查詢，證實所有董事在期內均已遵守《上市規則》附錄十規定的《標準守則》之規定。

#### MODEL CODE

The Company, having made specific enquiry, confirms that all members of the Board complied with the Model Code set out in Appendix 10 of the Listing Rules throughout the period.

#### 企業管治常規守則

本公司在2009年任何時間均已遵守香港聯交所《上市規則》附錄十四《企業管治常規守則》。

#### CODE ON CORPORATE GOVERNANCE PRACTICES

The Company has complied throughout the year of 2009 with all code provisions set out in the Code on Corporate Governance Practices contained in Appendix 14 of the Listing Rules of the Stock Exchange.

#### 結算日後事項

2010年2月5日，本公司召開了第六屆董事會第三次會議，聘任吳偉章先生為本公司總經理。

#### POST BALANCE SHEET EVENTS

The sixth session Board of the Company convened its third meeting on 5th February, 2010 and appointed Mr. Wu Weizhang as the General Manager of the Company.

#### 核數師

公司現任中國境內核數師為中瑞嶽華會計師事務所有限公司，香港核數師為嶽華會計師事務所有限公司。

#### AUDITORS

The current PRC auditor of the Company is China Rightson YueHua Certified Public Accountants Company Limited, and the Hong Kong auditor is Yuehua (Hong Kong) CPA Limited.

承董事會命  
董事長  
宮晶堃

By order of the Board  
**Gong Jing-kun**  
Chairman

二零一零年四月九日

9th April, 2010

# 監事會報告書

## Report of the Supervisory Committee

致各位股東：

截止二零零九年十二月三十一日止年度(本年度)，哈爾濱動力設備股份有限公司監事會(本監事會)全體成員，按照《中華人民共和國公司法》、《香港聯合交易所有限公司之證券上市規則》和本公司章程之有關規定，從切實維護公司利益和中小股東權益出發，認真履行監事會職能，對公司資產運作、經營管理、財務狀況以及高級管理人員履職等方面實施全面監督。並對公司的生產經營等重大事項積極參與，提出諸多建設性意見和建議，促進了公司各項工作的健康開展。

對公司本年度之工作，本監事會發表如下獨立意見：

1. 在本年度內，公司能夠嚴格執行國家法律、法規，按上市公司的規範程序運作，面對國際金融危機的衝擊和影響，認真執行股東大會的各項決議，全面落实科學發展觀，堅持圍繞「保生產、拓市場、調結構、練內功、求發展」的工作主線，積極應對，迎難而上，調整優化，穩健經營，較好地完成了全年的各項工作任務，向著「中國最好、世界一流」的戰略目標邁出了堅實的一步。
2. 本監事會認為，公司董事、經理及其他高級管理人員在履行職責、維護股東權益等方面盡職盡責，能夠認真執行股東大會和董事會的決議、決定，尚未發現有違反國家法律、法規和公司章程以及損害公司利益、股東和員工權益的行為。

To all shareholders:

For the year ended 31st December, 2009 (the year), all members of the Supervisory Committee ("the Supervisory Committee") of Harbin Power Equipment Company Limited ("the Company") carefully fulfilled their Supervisory Committee functions in the best interests of the Company and minority shareholders as a whole in accordance with the regulations of the PRC Company Law, the Listing Rules of The Stock Exchange of Hong Kong Limited and the Articles of Association of the Company. The Supervisory Committee has carried out an all-around supervision on areas including assets allocation, operation management, financial conditions and senior management's work performance of the Company. In addition, the Supervisory Committee participated actively in significant events of the Company, such as the Company's production and management etc. and gave a lot of positive opinions and suggestions, which pushed forward the Company's work to smoothly develop.

For the Company's work during the year, the Supervisory Committee presents the following independent opinions:

1. During the year, the Company strictly complied with the nation's laws and regulations, operated in accordance with the procedures regulating listing companies, and duly executed various resolutions passed at the shareholders' meeting despite the impact of the global financial crisis. With the priority of "maintaining production, expanding markets, adjusting structure, enhancing organic growth and seeking development" and based on the philosophy of scientific development, the Company confronted every difficulty bravely and adjusted to achieve optimization and to maintain a steady operation. As a result, the Company has achieved satisfying results from all works of the Company during the year, contributing largely to its strategic objective to become the best in China and one of the leading power equipment enterprises in the world.
2. The Supervisory Committee is aware that the directors, managers and other senior management have actively carried out their duties in the best interests of the shareholders. They have carried out carefully the resolutions and decisions from the shareholder's meetings and the Board of Directors. In addition, they did not act against the nation's laws and rules and the Articles of Association of the Company or damage the interests of the Company, the shareholders and the employees.



## 監事會報告書(續)

### Report of the Supervisory Committee (continued)

3. 本監事會對公司的財務制度和有關財務狀況進行了審查，認為公司的財務系統組織機構完整、制度健全，財務工作能夠按照內部控制制度和財務管理制度有序運行。董事會擬提交本次股東周年大會審議的年度財務報告和紅利分配方案等相關資料，均能夠客觀、全面地反映公司的經營業績和資產狀況，紅利分配方案兼顧了股東權益和公司發展的長遠利益，本年度提取的法定盈餘公積金符合法律、法規和公司章程的規定。

4. 本監事會審核了董事會工作報告，認為報告客觀真實地反映了公司在本年度所做的各項工作。

本監事會由衷感謝公司各位同仁及股東的信任和支持，並將積極探索新的監督途徑和方法，制定具體的監督檢查措施，更好地履行監督職能，為全面實現公司二零一零年的生產經營目標而努力工作。

承監事會命  
主席  
王志森

於中國哈爾濱。二零一零年四月九日

3. The Supervisory Committee has reviewed the Company's financial system and conditions and concludes that the Company's financial system has an integrated structure and the financial works have been operated orderly according to the internal control system and the financial management system. The annual financial report and the dividend payment scheme proposed by the Board of Directors for approval in the Annual General Meeting, have objectively and comprehensively reflected the operating results and asset condition of the Company. The dividend payment scheme has taken into account both the interests of the shareholders and the Company's long-term development. Both statutory surplus reserve fund provided in the year have observed the provisions of the laws and regulations and the Articles of Association of the Company.

4. The Supervisory Committee has reviewed the Report of the Directors and concludes that the report gives an objective and true picture of the works performed by the Company during the year.

The Supervisory Committee sincerely appreciates the trust and support from every employee of the Company and the shareholders. With positively exploring new supervisory approaches and methods, establishing detailed supervisory and inspect measures, the Supervisory Committee will better perform supervisory functions and work hard to achieve the Company's production and operation targets in 2010.

For and on behalf of the Supervisory Committee  
**Wang Zhi-sen**  
Chairman

Harbin, the People's Republic of China, 9th April, 2010

# 公司管治報告

## Corporate Governance Report

本公司一貫嚴格按照《中華人民共和國公司法》、《中華人民共和國證券法》及中國證監會的有關規定，積極完善公司法人治理結構，規範公司運作。

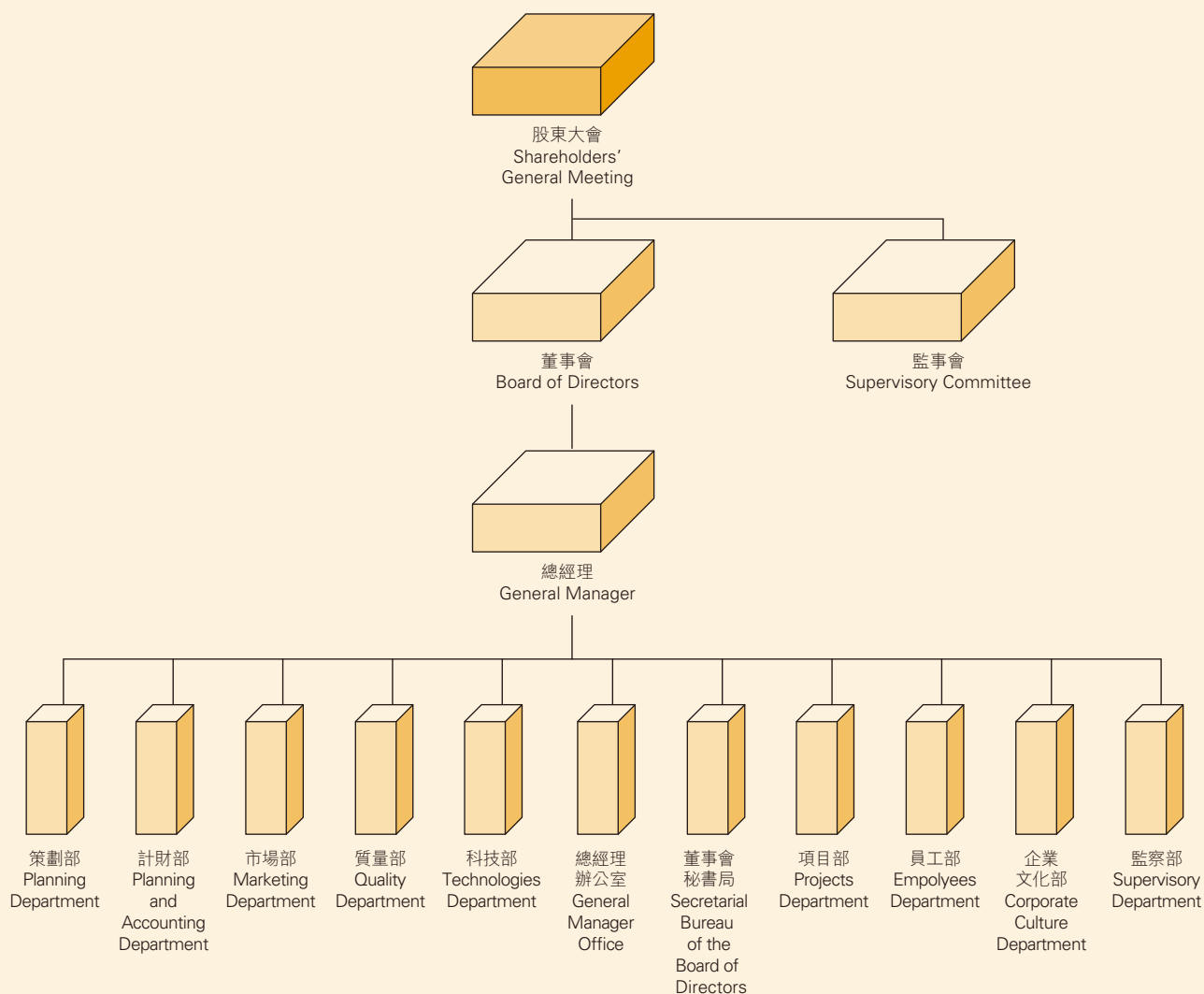
於2009年期間，本公司全面遵守了《香港聯合交易所上市規則》附錄十四《企業管治常規守則》的規定。

The Company has improved and perfected the Company's corporate governing structure and standardized the Company's operation through strictly complying with the Company Law of the People's Republic of China, the Securities Law of the People's Republic of China and the relevant provisions of China Securities Regulatory Commission.

During the year 2009, the Company fully complied with the Rules Governing the Listing of Securities on the Stock Exchange of Hong Kong Limited Appendix XIV: Code on Corporate Governance Practices.

### 管理架構

### ORGANIZATION CHART



# 公司管治報告(續)

## Corporate Governance Report (continued)

### 股東和股東大會

本公司保護股東的權益，平等對待所有股東，倡導股東積極參與公司治理。股東作為公司的所有者，享有法律、法規所規定的權利，並承擔相應的義務，股東對公司重大事項享有知情權和決定權。股東大會是公司的權力機構，依法行使職權。

本公司的控股股東為哈爾濱電氣集團公司，其為一家在中華人民共和國註冊的國有企業。

本公司2009年召開了一次股東周年大會和一次股東特別大會。

### 董事會

董事會的主要職責是在公司發展戰略、管理架構、投資及融資、計劃、財務監控等方面按照股東大會的授權行使管理決策權，在公司章程中詳細列明。

#### 1. 構成

本公司董事會為公司成立以來的第六屆董事會，由10名董事組成，其中5名為獨立董事。本公司於2009年12月11日召開了股東特別大會，選舉產生了本公司第六屆董事會成員，新任董事任期自2009年12月11日起為期三年；

### SHAREHOLDERS AND SHAREHOLDERS' GENERAL MEETING

The Company protects shareholder's interests, treats all shareholders equally, and initiates participation of shareholders in corporate governance and management. Shareholders as the owner of the Company enjoy rights as laws and regulations provided and shoulder commensurate obligations. The shareholders enjoy rights to information and rights to decision-making for the Company's important matters. The General Meeting of Shareholders is the organ of authority of the Company, and it exercises its functions and power according to laws.

The Harbin Electric Corporation, a state-owned company registered in the People's Republic of China, is the controlling shareholder of the Company.

In 2009, the Company had an Annual General Meeting and an Extraordinary General Meeting.

### BOARD OF DIRECTORS

The major duties of the Board of Directors are to exercise the discretion in management decision of the Company according to the authorization by the Shareholders' General Meeting with respect to the development strategies, management structure, investment and financing, planning and financial control, which are set out in details in the Articles of Association.

#### 1. Composition

The Board of Directors is the sixth Board of Directors of the Company since its establishment, which is composed of ten Directors, five of which are independent Directors. The Company held an Extraordinary General Meeting on 11th December 2009, during which members of the sixth Board of Directors of the Company were elected. The newly elected Directors serve a term of three years from 11th December 2009.

## 公司管治報告(續) Corporate Governance Report (continued)

本公司董事長與總經理分別由不同人士擔任，並有明確分工。董事長主持董事會工作，檢查董事會決議執行情況，而總經理負責管理運作及統籌公司業務，執行董事會決議及做出日常決策。

各董事會成員的個人簡介載於本年報董事、監事與高級管理人員一節。

### 2. 獨立董事

本公司本屆董事會有5名獨立董事。各獨立董事均熟悉上市公司董事、獨立董事的權利與義務。報告期內各獨立董事本著審慎負責、積極認真的態度出席董事會會議，並充分發揮其經驗和特長，在完善公司治理和重大決策的制訂等方面做了大量工作，對公司重大決策和關聯交易等方面發表了中肯、客觀的意見，促進了董事會決策的規範化、科學化，維護了公司和廣大股東的利益。

本公司確認已收到每名獨立董事就其獨立性而作出的年度確認函。

Positions of the Chairperson of the Board of Directors and the General Manager are held by different individuals; their responsibility and duty are distinct and separate. The Chairperson of the Board of Directors presides over meetings of the Board of Directors and reviews on the implementation of resolutions passed by the Board of Directors. The General Manager is responsible for management and coordination of the operation of the Company, implementation of the resolutions passed by the Board of Directors and making decisions on a daily basis.

Biographies of the members of the Board of Directors are included in the Directors, Supervisors and Senior Management section of this Annual Report.

### 2. Independent Directors

This session of the Company's Board of Directors has five Independent Directors. All the Independent Directors are familiar with the powers and responsibilities of the directors and independent directors of a listed company. During the reporting period, all the Independent Directors attended the meetings of Directors with the attitude of prudent and responsible; they fully utilized their experiences and specialties, contributed greatly towards the improvement and perfection of the corporate governance mechanism and the important decision making processes; they also provided pertinent, objective advices with regard to important decisions and connected transactions of the Company, further standardized the decision making process of the Board of Directors and making this process more scientific, therefore protecting the interests of the Company and the shareholders as a whole.

The Company has received annual confirmation from each of the Independent Directors about his/her independence.

# 公司管治報告 (續)

## Corporate Governance Report (continued)

### 3. 董事會會議

年內本公司共舉行4次董事會會議，討論公司的整體戰略、投資方案、營運及財務表現。本公司獨立董事對本公司決策事項未有異議。會議出席情況如下：

#### 第五屆董事會會議

### 3. Meetings of the Board of Directors

During the year, four Board of Directors' meetings were held to discuss the overall strategies, investment plans, operation and financial performance of the Company. The Independent Directors have no dissenting opinions regarding any of the Company's resolutions. Attendances of the meetings are as follows:

#### The Fifth Session of the Board of Directors

董事姓名 Name of Director	應參加董事會會議次數 Attendance Required (No.)	親自出席次數 Attendance in Person (No.)	出席率 Attendance Ratio	
宮晶堃先生	Mr. Gong Jing-kun	2	2	100%
鄒磊先生	Mr. Zou Lei	2	1	50%
曲大莊先生	Mr. Qu Da-zhuang	2	2	100%
段洪義先生	Mr. Duan Hong-yi	2	1	50%
商中福先生	Mr. Shang Zhong-fu	2	2	100%
吳偉章先生	Mr. Wu Wei-zhang	2	2	100%
周道炯先生	Mr. Zhou Dao-jiong	2	2	100%
賈成炳先生	Mr. Jia Cheng-bing	2	2	100%
李荷君女士	Ms. Li He-jun	2	2	100%
丁雪梅女士	Ms. Ding Xue-mei	2	2	100%
姜魁先生	Mr. Jiang Kui	2	0	0%

# 公司管治報告(續)

## Corporate Governance Report (continued)

### 第六屆董事會議

### The Sixth Session of the Board of Directors

董事姓名 Name of Director	應參加董事會會議次數 Attendance Required (No.)	親自出席次數 Attendance in Person (No.)	出席率 Attendance Ratio
宮晶堃先生 Mr. Gong Jing-kun	2	2	100%
鄒磊先生 Mr. Zou Lei	2	2	100%
段洪義先生 Mr. Duan Hong-yi	2	2	100%
吳偉章先生 Mr. Wu Wei-zhang	2	2	100%
商中福先生 Mr. Shang Zhong-fu	2	2	100%
孫昌基先生 Mr. Sun Chang-ji	2	2	100%
賈成炳先生 Mr. Jia Cheng-bing	2	2	100%
李荷君女士 Ms. Li He-jun	2	2	100%
于勃先生 Mr. Yu Bo	2	2	100%
劉登清先生 Mr. Liu Deng-qing	2	2	100%

所有董事均能通過公司秘書及時獲得公司董事會必須遵守的法定、監管及其它持續責任的相關資料及最新動向，以確保其能瞭解應盡之職責，保證董事會的程序得以貫徹執行以及適用的法律、法規得以恰當遵守。本公司董事和董事會專門委員會有權根據工作要求聘請獨立專業機構為其服務，由此發生的合理費用由公司承擔。

本公司已採納香港聯合交易所上市規則附錄十《上市公司董事進行證券交易的標準守則》作為公司董事的標準守則。本公司已向所有董事做出查詢，所有董事已確認在報告期內其已完全遵守《上市公司董事進行證券交易的標準守則》。

The relevant information and current development of the statutory, supervisory and other continuous responsibilities of the Company's Board of Directors can be obtained by all Directors through the Secretary of the Company in a timely fashion, so as all Directors understand his/her duties, and the procedures of the Board of Directors are properly implemented and applicable laws and regulations are correctly complied. The Directors and the Board of Directors' special committees have the right to appoint independent professional organizations for their service according to the requirement of their duties; the reasonable costs incurred in those occasions are born by the Company.

The Company has adopted the Model Code for Securities Transactions by Directors of Listed Companies set out in Appendix X of the Rules Governing the Listing of Securities on the Stock Exchange of Hong Kong Limited as a model code for Directors of the Company. Specific enquiries have been made of all Directors, who have confirmed their compliance with the Model Code for Securities Transactions by Directors of Listed Companies during the reporting period.

# 公司管治報告(續)

## Corporate Governance Report (continued)

### 董事會專門委員會

本公司董事會設立了審核委員會、薪酬委員會、提名委員會、戰略發展委員會等四個專門委員會，其成員全部由董事組成。

本公司第六屆董事會審核委員會成員包括：李荷君、劉登清、段洪義。審核委員會中獨立董事佔三分之二並由獨立董事李荷君擔任主任委員，符合《上市規則》第3.21條的規定。本年度審核委員會共舉行了2次會議，審閱了本集團的年度、半年度業績報告和財務報告。

### 監事會

本公司監事會由5名監事組成，其中職工代表監事2名。

#### (A) 期內監事會會議情況

期內監事會共召開了3次會議，主要內容如下：

1. 2009年4月24日，召開了第五屆監事會會議，會議審議通過了本公司2008年度監事會報告、經審計的財務報告及年報摘要。
2. 2009年8月7日召開了第五屆監事會會議，會議審議通過了本公司2009年半年度未經審計的財務報告、半年度報告等議案。
3. 2009年12月11日，召開了第六屆第一次監事會會議，選舉王志森先生為監事會主席。

### SPECIAL COMMITTEES UNDER BOARD

The Company has established four special committees, namely the audit committee, the remuneration committee, the nominations committee and the strategy development committee, whose members are all Directors.

The Audit Committee of the sixth session of the Board of Directors includes: Li He-jun, Liu Deng-qing and Duan Hong-yi. Two third of the members of the audit committee are independent Directors and Independent Director Li He-jun is the chairperson of the committee, as in accordance with the stipulation of the Listing Rules, Article 3.21. During the year, the Audit Committee held two meetings and had reviewed the Group's annual and semi-annual performance reports and financial reports.

### SUPERVISORY COMMITTEE

The Company's Supervisory Committee consists of five supervisors, of which two supervisors are representing staff and workers.

#### (A) The Supervisory Committee Meeting in the period under review:

The Supervisory Committee held three meetings in the period under review, the main contents of which are as follows:

1. The meeting of the Fifth Section of the Supervisory Committee was held on 24th April, 2009, which passed the Company's Report of the Supervisory Committee, Audited Financial Reports and the summary of Annual Report for the year 2008.
2. The meeting of the Fifth Section of Supervisory Committee was held on 7th August, 2009, which passed the resolutions on the Company's Interim Unaudited Financial Reports and Interim Reports for the first half of 2009.
3. The First Meeting of the Sixth Section of the Supervisory Committee was held on 11th December, 2009, which elected Mr. Wang Zhi-sen as Chairman of the Supervisory Committee.

# 公司管治報告(續)

## Corporate Governance Report (continued)

### (B) 監事會對公司2009年度有關事項的獨立意見

#### 1. 本公司依法運作情況

監事會依據國家有關法律、法規對2009年本公司股東大會、董事會的召開程序、決議事項、董事會對股東大會決議的執行情況、公司管理制度的執行、經營管理的效能等進行了監督、檢查，認為本公司2009年度嚴格按照《公司法》、《上市規則》、本公司章程及其它有關法規制度規範運作，經營決策科學合理，進一步完善了內部管理，建立了良好的內控機制。

#### 2. 檢查本公司財務情況

監事會認真審核了董事會準備提交股東大會審議的公司2009年度財務決算報告、年度利潤分配方案、經岳華會計師事務所審計並出具的2009年度財務審計報告等相關資料。監事會認為：本公司2009年度財務審計報告真實可靠，客觀地反映了本公司的財務狀況和經營成果。監事會同意境內外會計師事務所出具的本公司財務審計報告。

#### 3. 股東大會決議執行情況

監事會成員列席了董事會會議和股東大會會議，監事會對股東大會決議執行情況進行了監督，認為董事會能夠認真執行股東大會決議。

### (B) Independent Opinions of the Supervisory Committee to the Related Matters of the Company in the Year 2009

#### 1. The Company's Operating Validity

According to related laws and regulations, the Supervisory Committee has supervised and examined the convening procedures of the General Meeting and the Board of Directors Meeting 2009, resolution matters, the Board of Directors' implementation of the General Meeting resolutions, the enforcement of the Company's management rules and the efficiency of the Company's operating and managing, and the Supervisory Committee deemed that the Company has operated strictly according with the related provisions of the PRC Company Law, the Listing Rules, the Articles of Association of the Company and other regulations; that the Company operates under scientific and proper decision making procedure; and that the Company further perfected its internal management and built favorable inner control system in 2009.

#### 2. Reviewing the Financial Situations of the Company

The Supervisory Committee carefully reviewed the Company's Financial Balancing Report 2009, Profit Distribution Scheme and the Audited Financial Reports 2009 (audited and submitted by Yuehua CPA Limited), which the Board of Directors arranged to submit to the General Meeting. The Supervisory Committee deemed that the Company's audited Financial Reports 2009 was true and credible, which objectively presented the Company's financial situations and business results. The Supervisory Committee approved the Company's audited Financial Reports submitted by accounting offices both at home and abroad.

#### 3. The Implementation of the General Meeting Resolutions

The members of the Supervisory Committee participated in the Board of Directors Meeting and the General Meeting. The Supervisory Committee supervised the implementation of the General Meeting resolutions and deemed that the Board of Directors could carefully carry out the General Meeting decisions.



# 公司管治報告(續)

## Corporate Governance Report (continued)

### (C) 監事會履行監督職責情況

監事會依照法律和公司章程對本公司董事、高管人員進行監督，認為本公司董事、高管人員依法執行職務，未發現違反法律法規和公司章程的行為，未發現損害本公司利益的行為。

### 內部監控和內部審核

董事會負責建立及維持本公司內部控制系統，成立審核委員會。本公司內部成立審計部門，定期或有需要時對本公司之財務信息披露、經營和內部控制活動進行檢查、監督，以確保公司對外信息披露的透明度、營運的效益和企業監控機制的有效性。按照財政部、證監會、審計署、銀監會、保監會《企業內部控制基本規範》的要求，本公司於2008年10月31日開始實施內部控制評審項目，並聘請普華永道會計師事務所就本項目提供諮詢服務。

### (C) The Implementation of Supervisory Duties by the Supervisory Committee

The Supervisory Committee supervised the Directors and senior managers of the Company in accordance with the related laws and the Articles of Association of the Company, and deemed that the Directors and senior managers of the Company carried out their duties lawfully, without any act against the related laws and regulations and the Articles of Association of the Company or the interests of the Company.

### INTERNAL CONTROL AND INTERNAL AUDIT

The Board of Directors is responsible to establish and maintain the internal control system of the Company, and to establish the Audit Committee. The Company has established the audit department internally, which monitors and supervises the disclosure of financial information by the Company regularly or where necessary, as well as operation and internal control activities, so as to ensure the transparency of information disclosure externally, operation efficiency and effectiveness in corporate control mechanisms. According to the requirement of the basic specification of corporation internal control of the Ministry of Finance, Securities and Futures Commission, the Audit Commission, the China Banking Regulatory Commission and China Insurance Regulatory Commission, the Company had implementation of the internal control assessment project from 31st October, 2008, and employed PricewaterhouseCoopers to provide consulting service about this project.

# 公司管治報告(續)

## Corporate Governance Report (continued)

### 核數師

2009年12月11日本公司召開第六屆董事會第二次會議，會議根據股東周年大會授權，決定聘任中瑞岳華會計師事務所為公司2009年度境內財務報告的主審計師，聘任岳華(香港)會計師事務所為公司2009年度境外財務報告的核數師。

本公司2009年年度報告所收錄之財務報表分別根據中國會計準則和香港財務報告準則編製，並分別經國內審計師中瑞岳華會計師事務所和國際核數師岳華(香港)會計師事務所審核。

### 信息披露與監管

本公司不斷加強信息披露和推進投資者關係管理工作，嚴格按照相關法律法規、公司章程及上市規則的信息披露規定，做到信息披露公開、公平、真實、準確、完整、及時，提高本公司的透明度。在加強投資者關係管理工作中，及時發布中期業績報告和年度業績報告，認真接待來訪的投資者、積極參與投資者論壇，並通過舉辦電話會議、舉行業績說明會等活動，向投資者闡述本公司的最新動向和發展前景。本公司信息披露和投資者關係負責機構為董事會秘書局。本公司將嚴格按照境內外證券監管機構的有關法律、法規的要求，嚴格履行各項義務，不斷完善本公司治理結構，提高本公司管理水平。

### AUDITORS

The second meeting for the sixth section of the Board meeting was held on 11th December 2009. During the meeting, it was decided that China Rightson YueHua Certified Public Accountants Company Limited would be appointed as the Chief Auditor for the financial reports prepared according to PRC Accounting Rules and Regulations for the year 2009, and Yuehua (Hong Kong) CPA Limited would be appointed as the auditor for the international financial reports pursuant to the authority of the Shareholders' General Meeting.

The financial statements included in the annual report of the Company for the year 2009 were prepared according to PRC Accounting Rules and Regulations and Hong Kong Financial Reporting Standards, and were audited by China Rightson YueHua Certified Public Accountants Company Limited, the PRC auditor, and Yuehua (Hong Kong) CPA Limited, the international auditor.

### Information Publication and Supervision

The Company continuously improves information publication management and enhances the investor communication management. The Company discloses information on an open, fair, true, accurate, complete and timely ground and strictly in accordance with the related disclosure requirements of relative laws and regulations, the Articles of Association of the Company and Listing Rules, and improves the Company's transparency. In order to improve investor relations, the Company issues its Interim Report and Annual Reports timely, provides quality services to investing visitors and participates in investor forums, and illustrates to the investors the Company's latest development and vision through telephone meetings and performance presentations. The Board secretaries department of the Company is responsible for the information publication and investor relations. The Company will perform its duties, continuously enhance its governance structure and improve its management strictly in accordance with related laws and regulations of securities supervisory organizations at home and abroad.

# 獨立核數師報告書

## Independent Auditor's Report

致哈爾濱動力設備股份有限公司  
全體股東

(於中華人民共和國註冊成立之股份有限公司)

我們已審核載於第60頁至141頁的哈爾濱動力設備股份有限公司(「貴公司」)及其附屬公司(統稱為「貴集團」)的綜合財務報表，該等財務報表包括二零零九年十二月三十一日的綜合財務狀況表和公司財務狀況表及截至該日止年度的綜合損益表、綜合權益變動表、綜合現金流量表以及主要會計政策概要和其他附註解釋。

### 董事就綜合財務報表須承擔的責任

貴公司董事須負責根據香港會計師公會頒佈的香港財務報告準則和香港公司條例的披露要求編製並且真實而公允地列報該等綜合財務報表。這些責任包括設計、實施和維護與綜合財務報表編製及真實而公允地列報相關的內部控制，以使財務報表不存在由於欺詐或錯誤而導致的重大錯誤陳述；選擇和運用恰當的會計政策；及作出合理的會計估計。

### 核數師的責任

我們的責任是根據我們的審核對該等綜合財務報表提出意見，並僅向全體股東作出報告，而並不可作其他目的。我們概不就本報告的內容對其他任何人士負責或承擔責任。我們已根據香港會計師公會頒佈的香港審核準則的規定執行審核。這些準則要求我們遵守職業道德規範，並規劃及執行審核以合理確定此等綜合財務報表是否不存有任何重大錯誤陳述。

**TO THE SHAREHOLDERS OF  
HARBIN POWER EQUIPMENT COMPANY LIMITED**

*(A joint stock company established in the People's Republic of China with limited liability)*

We have audited the consolidated financial statements of Harbin Power Equipment Company Limited (the "Company") and its subsidiaries (collectively referred to as the "Group") set out on pages 60 to 141 which comprise the consolidated and company statements of financial position as at 31st December, 2009, and the consolidated statement of comprehensive income, the consolidated statement of changes in equity and the consolidated statement of cash flows for the year then ended, and a summary of significant accounting policies and other explanatory notes.

### **DIRECTORS' RESPONSIBILITY FOR THE CONSOLIDATED FINANCIAL STATEMENTS**

The directors of the Company are responsible for the preparation and the true and fair presentation of these consolidated financial statements in accordance with Hong Kong Financial Reporting Standards issued by the Hong Kong Institute of Certified Public Accountants and the disclosure requirements of the Hong Kong Companies Ordinance. This responsibility includes designing, implementing and maintaining internal control relevant to the preparation and the true and fair presentation of the consolidated financial statements that are free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

### **AUDITOR'S RESPONSIBILITY**

Our responsibility is to express an opinion on these consolidated financial statement based on our audit and to report our opinion solely to you, as a body, in accordance with our agreed terms of engagement and for no other purpose. We do not assume responsibility towards or accept liability to any other person for the contents of this report. We conducted our audit in accordance with Hong Kong Standards on Auditing issued by the Hong Kong Institute of Certified Public Accountants. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance as to whether the consolidated financial statements are free from material misstatement.

## 獨立核數師報告書(續) Independent Auditor's Report (continued)

審核涉及執程序以獲取有關綜合財務報表所載金額和披露資料的審核證據。所選定的程序取決於核數師的判斷，包括評估由於欺詐或錯誤而導致綜合財務報表存有重大錯誤陳述的風險。在評估該等風險時，核數師考慮與該公司編製及真實而公允地列報綜合財務報表相關的內部控制，以設計適當的審核程序，但並非對公司的內部控制的有效性發表意見。審核亦包括評價董事所採用的會計政策的合適性及作出的會計估計的合理性，以及評價綜合財務報表的整體列報方式。我們相信，我們所獲得的審核證據充足且適當地為我們的審核意見提供了基礎。

### 意見

我們認為，該等綜合財務報表已根據香港財務報告準則真實而公允地反映 貴公司及貴集團於二零零九年十二月三十一日的財務狀況及貴集團截至該日止年度的溢利及現金流量，並已根據香港公司條例的披露要求妥為編製。

岳華會計師事務所有限公司  
香港執業會計師  
香港，二零一零年四月九日

黃江萍會計師  
執業證書編號：P04876

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and true and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the directors, as well as evaluating the overall presentation of the consolidated financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### OPINION

In our opinion, the consolidated financial statements give a true and fair view of the state of affairs of the Company and of the Group as at 31st December, 2009 and of the Group's profit and cash flows for the year then ended in accordance with Hong Kong Financial Reporting Standards and have been properly prepared in accordance with the disclosure requirements of the Hong Kong Companies Ordinance.

YUEHUA CPA LIMITED  
Certified Public Accountants  
Hong Kong, 9th April, 2010

WONG KONG PING  
Practising Certificate Number: P04876

# 綜合損益表

## Consolidated Income Statement

截至二零零九年十二月三十一日止年度  
For the year ended 31st December, 2009

		附註 Notes	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
主營業務收入	<b>Revenue</b>	5	<b>28,629,522</b>	29,903,544
主營業務成本	Cost of sales		<b>(24,964,015)</b>	(25,896,464)
主營業務溢利	<b>Gross profit</b>		<b>3,665,507</b>	4,007,080
其他業務收入	Other income	7	<b>568,962</b>	391,260
營業費用	Distribution expenses		<b>(388,589)</b>	(425,281)
管理費用	Administrative expenses		<b>(2,325,715)</b>	(2,153,807)
其他業務支出	Other expenses		<b>(390,036)</b>	(74,000)
財務支出	Finance costs	8	<b>(180,381)</b>	(195,325)
於聯營公司溢利	Share of results of associates	20	<b>34,764</b>	23,320
除稅前溢利	<b>Profit before taxation</b>		<b>984,512</b>	1,573,247
稅項	Income tax expense	9	<b>(226,871)</b>	(289,532)
本年度溢利 及綜合收益總計	<b>Profit and total comprehensive income for the year</b>	10	<b>757,641</b>	1,283,715
可分配於：	<b>Attributable to:</b>			
控股公司股東	Equity holders of the Company		<b>606,206</b>	1,041,837
少數股東權益	Minority interests		<b>151,435</b>	241,878
			<b>757,641</b>	1,283,715
每股盈利－基本	<b>Earnings per share-basic</b>	13	<b>Rmb44.0cents</b>	Rmb75.7cents

# 綜合財務狀況表

## Consolidated Statement of Financial Position

於二零零九年十二月三十一日  
At 31st December, 2009

	附註 Notes	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
<b>非流動資產</b>			
物業、廠房及設備	14	4,261,254	3,802,837
投資物業	15	248,724	271,383
預付土地賃款	16	342,018	350,438
專利權	17	98,881	114,223
遞延稅項資產	18	133,932	133,837
於聯營公司之權益	20	179,079	150,536
待銷售性投資	21	27,074	27,074
		<b>5,290,962</b>	4,850,328
<b>流動資產</b>			
存貨	22	14,230,160	12,941,218
應收賬款	23	12,168,981	12,354,226
應收票據	23	600,844	361,324
其他應收款、按金及預付款項	23	4,852,058	6,537,067
預付土地租賃款	16	10,176	9,710
建造合同應收款	24	947,326	1,045,979
應收同系附屬公司款項	25	76,908	66,353
有限制存款		7,006	14,568
已抵押存款	38	526,229	484,255
定期存款	26	3,553,595	3,079,921
銀行結存及現金	26	10,612,136	7,221,676
		<b>47,585,419</b>	44,116,297
<b>流動負債</b>			
建造合同應付款	24	509,964	757,056
應付賬款	27	10,166,545	7,715,110
其他應付款及應計費用	27	3,173,130	2,055,636
已收按金	28	15,216,864	18,656,591
金融衍生工具	29	-	3,133
欠同系附屬公司款項	25	51,757	50,069
欠控股公司款項	30	20,478	13,470
須於一年內償還之借款	31	1,288,579	870,704
應交稅金	32	592,313	375,591
		<b>31,019,630</b>	30,497,360
<b>流動資產淨值</b>		<b>16,565,789</b>	13,618,937
<b>扣除流動負債後的總資產</b>		<b>21,856,751</b>	18,469,265

## 綜合財務狀況表(續)

### Consolidated Statement of Financial Position (continued)

		附註 Notes	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
<b>股本及儲備</b>	<b>CAPITAL AND RESERVES</b>			
股本	Share capital	33	<b>1,376,806</b>	1,376,806
儲備	Reserves	34	<b>7,262,220</b>	6,759,274
分配於母公司股東權益	Equity attributable to equity holders of the Company		<b>8,639,026</b>	8,136,080
少數股東權益	Minority interests		<b>1,578,236</b>	1,431,845
<b>權益合計</b>	<b>TOTAL EQUITY</b>		<b>10,217,262</b>	9,567,925
<b>非流動負債</b>	<b>Non-current liabilities</b>			
已收按金	Deposits received	28	<b>8,118,370</b>	5,059,506
欠控股公司款項	Advance from holding company	30	<b>814,020</b>	306,720
須於一年後償還之借款	Borrowings-due after one year	31	<b>2,707,099</b>	3,535,114
			<b>11,639,489</b>	8,901,340
			<b>21,856,751</b>	18,469,265

載於第60頁至141頁之財務報表經由董事會於二零一零年四月九日通過及批准發佈，並由下列董事代表董事會簽署：

The consolidated financial statements on pages 60 to 141 were approved and authorized for issue by the Board of Directors on 9th April, 2010 and are signed on its behalf by:

吳偉章  
**WU Wei-zhang**  
董事  
DIRECTOR

商中福  
**SHANG Zhong-fu**  
董事  
DIRECTOR

# 財務狀況表

## Statement of Financial Position

於二零零九年十二月三十一日  
At 31st December, 2009

	附註 Notes	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
<b>非流動資產</b>	<b>Non-currents assets</b>		
物業、廠房及設備	Property, plant and equipment	14 <b>1,039,374</b>	927,582
預付土地租賃	Prepaid lease payments	16 <b>38,024</b>	34,793
於附屬公司之權益	Interests in subsidiaries	19 <b>2,413,428</b>	2,413,428
於聯營公司之權益	Interests in associates	20 <b>85,105</b>	60,084
待銷售性投資	Available-for-sale investments	21 <b>17,879</b>	17,879
		<b>3,593,810</b>	3,453,766
<b>流動資產</b>	<b>Current assets</b>		
存貨	Inventories	22 <b>594,751</b>	435,165
應收賬款	Trade debtors	<b>433,762</b>	309,603
其他應收款、按金及預付款項	Other debtors, deposits and prepayments	<b>393,716</b>	299,269
預付土地租賃款	Prepaid lease payments	16 <b>1,252</b>	754
應收附屬公司款項	Amounts due from subsidiaries	19 <b>2,347,455</b>	1,347,351
定期存款	Bank deposits	26 <b>–</b>	56,254
銀行結存及現金	Cash and cash equivalents	26 <b>979,068</b>	453,387
		<b>4,750,004</b>	2,901,783
<b>流動負債</b>	<b>Current liabilities</b>		
應付賬款	Trade creditors	27 <b>312,345</b>	272,010
其他應付款及應計費用	Other creditors and accrued charges	27 <b>232,609</b>	136,355
已收按金	Deposits received	<b>2,239,895</b>	662,023
欠控股公司款項	Advance from holding company	<b>–</b>	567
欠附屬公司款項	Amounts due to subsidiaries	19 <b>310,674</b>	184,866
須於一年內償還之借款	Borrowings – due within one year	31 <b>–</b>	97,500
應交稅金	Tax payables	32 <b>17,521</b>	26,428
		<b>3,113,044</b>	1,379,749
<b>流動資產淨值</b>	<b>Net current assets</b>	<b>1,636,960</b>	1,522,034
<b>扣除流動負債後的總資產</b>	<b>Total assets less current liabilities</b>	<b>5,230,770</b>	4,975,800



## 財務狀況表(續) Statement of Financial Position (continued)

		附註 Notes	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
<b>股本及儲備</b>	<b>CAPITAL AND RESERVES</b>			
股本	Share capital	33	<b>1,376,806</b>	1,376,806
儲備	Reserves	34	<b>3,527,720</b>	3,505,670
<b>權益合計</b>	<b>TOTAL EQUITY</b>		<b>4,904,526</b>	4,882,476
<b>非流動負債</b>	<b>Non-current liabilities</b>			
欠控股公司款項	Advance from holding company		<b>292,460</b>	60,540
須於一年後償還之借款	Borrowings – due after one year	31	<b>33,784</b>	32,784
			<b>326,244</b>	93,324
			<b>5,230,770</b>	4,975,800

載於第60頁至141頁之財務報表經由董事會於二零一零年四月九日通過及批准發佈，並由下列董事代表董事會簽署：

The financial statements on pages 60 to 141 were approved and authorized for issue by the Board of Directors on 9th April, 2010 and are signed on its behalf by:

吳偉章  
**WU Wei-zhang**  
董事  
DIRECTOR

商中福  
**SHANG Zhong-fu**  
董事  
DIRECTOR

# 綜合權益變動表

## Consolidated Statement of Changes In Equity

截至二零零九年十二月三十一日止年度  
For the year ended 31st December, 2009

		於本公司股份持有人的權益 Attributable to equity holders of the Company								
		法定盈餘							少數	
				資本儲備	公積金				股東權益	
		股本	股本溢價	Statutory capital reserve	Statutory surplus reserve	其他儲備	保留溢利			Minority interests
		Share capital	Share premium	capital reserve	surplus reserve	Other reserve	Retained profits	總計		
		人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元
		Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000
於二零零八年一月一日	At 1st January, 2008	1,376,806	1,980,295	709,850	531,614	-	2,614,428	7,212,993	1,199,417	8,412,410
本年度溢利及綜合收益總計	Profit and total comprehensive income for the year	-	-	-	-	-	1,041,837	1,041,837	241,878	1,283,715
收購附屬公司少數股東之權益	Purchase of addition interest in subsidiaries from minority shareholders	-	-	-	-	6,539	-	6,539	(9,460)	(2,921)
轉撥	Transfers	-	-	-	28,413	-	(28,413)	-	-	-
附屬公司註銷之撥回	Reserve released upon de-registration of subsidiaries	-	-	-	(2,844)	-	2,844	-	10	10
股息(附註12)	Dividends (note 12)	-	-	-	-	-	(125,289)	(125,289)	-	(125,289)
於二零零八年十二月三十一日	At 31st December, 2008	1,376,806	1,980,295	709,850	557,183	6,539	3,505,407	8,136,080	1,431,845	9,567,925
本年度溢利及綜合收益總計	Profit and total comprehensive income for the year	-	-	-	-	-	606,206	606,206	151,435	757,641
分派予少數股東的股息	Distribution to minority interest	-	-	-	-	-	-	-	(5,044)	(5,044)
轉撥	Transfers	-	-	-	12,531	-	(12,531)	-	-	-
股息(附註12)	Dividends (note 12)	-	-	-	-	-	(103,260)	(103,260)	-	(103,260)
於二零零九年十二月三十一日	At 31st December, 2009	1,376,806	1,980,295	709,850	569,714	6,539	3,995,822	8,639,026	1,578,236	10,217,262

## 綜合權益變動表(續)

### Consolidated Statement of Changes In Equity (continued)

根據中國公司法，除稅後溢利之分配順序如下：

In accordance with the PRC Company Law, the profit after taxation is applied in the following order:

- |                 |   |
|-----------------|---|
| (1) 彌補虧損；       | (1) making up of losses;                                |
| (2) 提取法定盈餘公積金；  | (2) allocation to statutory surplus reserve;            |
| (3) 提取任意盈餘公積金；及 | (3) allocation to discretionary surplus reserve; and    |
| (4) 派發普通股之股息。   | (4) payment of dividends in respect of ordinary shares. |

根據中國公司法及本公司和附屬公司之公司章程，本公司及各附屬公司均須個別按照中國會計準則編製之財務報表，提取10%除稅後溢利，撥入其個別之法定盈餘公積金賬內。

In accordance with the PRC Company Law and the relevant Articles of Association, the Company and its subsidiaries are required to appropriate amounts equal to 10% of their profit after taxation as determined in accordance with the PRC accounting standards to each of the statutory surplus reserve.

法定盈餘公積金為股東權益的一部份，當其餘額達到公司註冊資本之50%時，可不須再提取。根據中國公司法，法定盈餘公積金可用以彌補虧損、擴充本公司之業務或撥充資本。當本公司之法定盈餘公積金轉充為資本時，該賬內未轉充資本之金額不得少於註冊資本25%。

Statutory surplus reserve is part of shareholders' equity and when its balance reaches an amount equal to 50% of the Company's registered capital, further appropriation needs not be made. According to the PRC Company Law, statutory surplus reserve may be used to make up past losses, to increase production and business operations or to increase capital by means of conversion. However when funds from statutory surplus reserve are converted to capital, the funds remaining in such reserve shall amount to not less than 25% of the registered capital.

資本公積金為向哈爾濱電氣集團公司(「哈電集團公司」)收購其主要經營業務，在本公司成立時其淨資產的公平價值與發行予哈電集團公司的國有法人股股票總面值兩者之間的差額盈餘。

The statutory capital reserve represents the surplus arising from the difference between the fair value of the net assets of the principal business undertakings transferred from Harbin Electric Corporation ("HE") to the Group and the nominal value of the State shares issued to HE by the Company when the Company was formed.

其他儲備為收購附屬公司少數股東之權益之收購而計入其他儲備內。

Other reserve represents the discount on acquisition arising from the acquisition of additional interests in subsidiaries from minority shareholders, which was credited to the other reserve.

## 綜合權益變動表(續) Consolidated Statement of Changes In Equity (continued)

有關上述(3)及(4)項目在任何年度之分配比例細則將由董事會酌量本公司及其附屬公司的經營情況及發展需要釐定，並須提請股東會批准。

The amount of appropriation in respect of items (3) and (4) above for any year shall be recommended by the directors in accordance with the operational conditions and development requirements of the Company and its subsidiaries and shall be submitted to the shareholders in general meeting for approval.

在尚未彌補虧損及提取法定盈餘公積金及之前，本公司及其附屬公司均不能派發股息。

No dividends shall be paid by the Company and its subsidiaries before they have made up their losses and made allocations to the statutory surplus reserve.

根據財政部於一九九五年八月頒佈有關溢利分配之文件，可分配予股東之金額為根據中國會計準則所計算之金額或根據香港普遍接受之會計準則所計算之金額，兩者以較低者為準。於二零零九年十二月三十一日本公司之可分配儲備為根據香港普遍接受之會計準則所釐定之留存溢利為人民幣431,090,000元(二零零八年：人民幣421,571,000元)。如上文所述，法定公積金亦可於適當時派發予股東。

Pursuant to a document issued by the Ministry of Finance in August 1995 in respect of profit appropriations, the amount available for distribution to shareholders is the lesser of the amount determined in accordance with the PRC accounting standards and the amount determined in accordance with accounting principles generally accepted in Hong Kong. At 31st December, 2009, the amount available for distribution to shareholders was Rmb431,090,000 (2008: Rmb421,571,000) representing the retained profits of the Company prepared under accounting principles generally accepted in Hong Kong. As also mentioned above, the balance of statutory surplus reserve can also be distributed to shareholders in certain situations.

# 綜合現金流量表

## Consolidated Statement of Cash Flows

截至二零零九年十二月三十一日止年度  
For the year ended 31st December, 2009

	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
<b>經營業務</b>		
除稅前溢利	<b>984,512</b>	1,573,247
調整：		
呆壞賬準備	<b>548,874</b>	265,511
存貨跌價準備	<b>30,776</b>	52,519
預付土地租賃攤銷	<b>10,707</b>	9,710
專利權攤銷	<b>22,023</b>	17,160
股息收入	<b>(1,298)</b>	(2,737)
物業、廠房及設備折舊	<b>374,589</b>	436,996
投資物業折舊	<b>16,060</b>	16,222
財務支出	<b>180,381</b>	195,325
處置物業、廠房及設備收益	<b>(7,805)</b>	(3,117)
處置投資物業收益	<b>(510)</b>	-
處置預付土地租賃款收益	<b>(8,437)</b>	-
物業、廠房及設備減值確認	-	1,772
利息收入	<b>(266,543)</b>	(237,545)
金融衍生工具公允價值減值	-	3,133
物業、廠房及設備撇銷	<b>2,300</b>	19,803
專利權撇銷	-	4,613
出售金融衍生工具損失	<b>1,659</b>	-
物業、廠房及設備減值準備回撥	<b>(1,714)</b>	(6,482)
於聯營公司溢利	<b>(34,764)</b>	(23,320)
<b>營運資金變動前之 經營業務現金流量</b>	<b>1,850,810</b>	2,322,810
存貨增加	<b>(1,319,718)</b>	(2,826,448)
應收賬款增加	<b>(362,899)</b>	(3,620,639)
應收票據增加	<b>(239,520)</b>	(152,614)
其他應收款、按金及預付款項 減少/(增加)	<b>1,684,279</b>	(1,389,315)
建造合同應收款減少	<b>98,653</b>	2,586,612
應收聯營公司款項增加	<b>(7)</b>	(2,829)
應收同系附屬公司款項(增加)/減少	<b>(10,555)</b>	974
建造合同應付款減少	<b>(247,092)</b>	(1,259)
應付賬款增加	<b>2,451,435</b>	2,447,719
其他應付款及 應計費用增加/(減少)	<b>1,117,494</b>	(607,971)
已收按金(減少)/增加	<b>(380,863)</b>	4,912,109
應付同系附屬公司款項增加	<b>1,688</b>	26,643
應付增值稅及 其他應付稅項增加/(減少)	<b>299,850</b>	(656,524)

## 綜合現金流量表(續)

### Consolidated Statement of Cash Flows (continued)

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
<b>經營業務所產生之現金淨額</b>	<b>Cash generated from operations</b>	<b>4,943,555</b>	3,039,268
已付股息	Dividends paid	<b>(103,260)</b>	(125,289)
已付所得稅	Income tax paid	<b>(310,094)</b>	(361,375)
<b>經營業務產生之現金淨額</b>	<b>Net cash generated from operating activities</b>	<b>4,530,201</b>	2,552,604
<b>投資業務</b>	<b>Cash flows from investing activities</b>		
出售待銷售性投資所得款	Proceeds from disposal of available-for-sale investments	-	1,000
銀行定期存款減少	Decrease in bank deposits	<b>(473,674)</b>	(2,139,921)
利息收入	Interest received	<b>266,543</b>	237,545
出售物業、廠房及設備所得款	Proceeds from disposal of property, plant and equipment	<b>21,521</b>	66,291
出售投資物業所得款	Proceeds from disposal of investment properties	<b>7,109</b>	-
出售預付土地租賃款所得款	Proceeds from disposal of prepaid lease payments	<b>11,197</b>	-
已收聯營公司股息	Dividend received from associates	<b>6,228</b>	3,714
已收待銷售性投資股息	Dividend received from available-for-sale investments	<b>1,298</b>	2,737
已抵押銀行存款增加	Increase in pledged bank deposits	<b>(41,974)</b>	(314,571)
購置物業、廠房及設備	Purchases of property, plant and equipment	<b>(847,308)</b>	(1,275,178)
預付土地租賃款增加	Additions to prepaid lease payments	<b>(5,513)</b>	-
購置專利權	Purchases of patents	<b>(6,681)</b>	(9,794)
有限制的銀行存款減少/(增加)	Decrease/(Increase) in restricted bank deposits	<b>7,562</b>	(7,938)
金融衍生工具之支付	Payment on disposal of derivative instrument	<b>(4,792)</b>	-
收購附屬公司少數股東之權益	Purchases of additional interests in subsidiaries	-	(2,921)
<b>投資業務所用之現金淨額</b>	<b>Net cash used in investing activities</b>	<b>(1,058,484)</b>	(3,439,036)
<b>融資業務</b>	<b>Cash flows from financing activities</b>		
新增銀行貸款	New bank loans raised	<b>343,986</b>	733,226
新增其他貸款	Other loans raised	<b>99,354</b>	27,300
欠控股公司款項增加	Advance from holding company	<b>514,308</b>	73,532
償還銀行貸款	Repayment of bank loans	<b>(829,927)</b>	(1,180,059)
已付利息	Interest paid	<b>(180,381)</b>	(195,325)
償還其他貸款	Repayment of other loans	<b>(23,050)</b>	(1,118)
分派予少數股東的股息	Distributions to minority shareholders	<b>(5,044)</b>	-
<b>融資業務所用之現金淨額</b>	<b>Net cash used in financing activities</b>	<b>(80,754)</b>	(542,444)
<b>現金及現金等價物增加/(減少)</b>	<b>Net increase/(decrease) in cash and cash equivalents</b>	<b>3,390,963</b>	(1,428,876)
<b>年初現金及現金等價物</b>	<b>Cash and cash equivalents at the beginning of the year</b>	<b>7,221,676</b>	8,681,542
<b>匯率變動對現金等價物的影響</b>	<b>Effect of foreign exchange rate changes</b>	<b>(503)</b>	(30,990)
<b>年末現金及現金等價物</b>	<b>Cash and cash equivalents at the end of the year</b>	<b>10,612,136</b>	7,221,676
<b>現金及現金等價物結存之分析</b>	<b>Analysis of cash and cash equivalents at the end of the year</b>		
銀行結存及現金	Bank balances and cash	<b>9,286,037</b>	6,827,252
銀行定期存款	Bank deposits	<b>1,326,099</b>	394,424
		<b>10,612,136</b>	7,221,676

# 財務報表附註

## Notes to the Financial Statements

截至二零零九年十二月三十一日止年度  
For the year ended 31st December, 2009

### 1. 一般事項

本公司為一家在中華人民共和國(「中國」)成立之股份有限公司，其H股於香港聯合交易所上市。本公司之控股公司為哈爾濱電氣集團公司(「哈電集團公司」)，其為一家在中國註冊成立之國有企業。本公司之註冊辦事處及主要營業地點之地址詳載於本年報之公司資料。

整份財務報告是以人民幣呈列，與本公司之功能性貨幣相同。

本公司及附屬公司(統稱「集團」)之主要業務為各種發電設備的生產、銷售及電站工程服務，載於本財務報表之附註5。其主要之附屬公司及聯營公司之主要業務分別載於本財務報表之附註44和附註20。

### 2. 應用新訂及經修訂的香港財務報告準則

#### (a) 於2009年已生效且本集團已採納之準則、修訂

於本年度，本集團應用以下由香港會計師公會(「香港會計師公會」)頒佈的新訂準則、修訂及詮釋(「新訂香港財務報告準則」)。

### 1. GENERAL INFORMATION

The Company was established as a joint stock limited company in the People's Republic of China (the "PRC") and its H shares are listed on The Stock Exchange of Hong Kong Limited. Its holding company is Harbin Electric Corporation ("HE"), a state-owned enterprise incorporated in the PRC. The addresses of the registered office and principal place of business of the Company are disclosed in the corporate information section of the annual report.

The consolidated financial statements are presented in Renminbi ("RMB"), which is the functional currency of the Company.

The principal activities of the Company and its subsidiaries (collectively referred to as the Group) are mainly engaged in manufacturing and sales of various kinds of power equipments and power station engineering services, which are set out in note 5 to the financial statements. The principal activities of its principal subsidiaries and associates are set out in notes 44 and 20, respectively.

### 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS ("HKFRSs")

#### (a) *Standards and amendments effective in 2009 which are relevant to and have been adopted by the Group*

In the current year, the Group has applied the following new and revised Standards, Amendments and Interpretations ("new and revised HKFRSs") issued by the Hong Kong Institute of Certified Public Accountants ("HKICPA").

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 2. 應用新訂及經修訂的香港財務報告準則 (續)

##### (a) 於2009年已生效且本集團已採納之準則、修訂(續)

香港會計準則第1號(經修訂)	財務報表的呈列
香港會計準則第23號(經修訂)	借貸成本
香港會計準則第32及1號(修訂本)	可沽售金融工具及清盤產生的責任
香港財務報告準則第1號及香港會計準則第27號(修訂本)	於附屬公司、共同控制實體或聯營公司的投資成本
香港財務報告準則第2號(修訂本)	以股份為基礎之支付—歸屬條件及註銷
香港財務報告準則第7號(修訂本)	融資工具的披露
香港財務報告準則第8號	經營分部
香港(國際財務報告詮釋委員會)—詮釋第9號及香港會計準則第39號(修訂本)	嵌入衍生品
香港(國際財務報告詮釋委員會)—詮釋第13號	客戶忠誠計劃
香港(國際財務報告詮釋委員會)—詮釋第15號	房地產建造合同
香港(國際財務報告詮釋委員會)—詮釋第16號	境外業務投資淨額的對沖
香港(國際財務報告詮釋委員會)—詮釋第18號	客戶資產轉換
香港財務報告準則(修訂本)	對2008年出版的香港財務報告準則的改進, 除第5號的修訂對2009年7月1日起及之後仍有效之外
香港財務報告準則(修訂本)	對2009年出版的涉及香港會計準則第39號第80段修訂的改進

除去以下陳述, 採用新修訂的香港財務報告準則對目前及之前會計年度綜合財務報表沒有實質影響。

#### 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS ("HKFRSS") (continued)

##### (a) Standards and amendments effective in 2009 which are relevant to and have been adopted by the Group (continued)

HKAS 1 (Revised 2007)	Presentation of Financial Statements
HKAS 23 (Revised 2007)	Borrowing Costs
HKAS 32 & 1 (Amendments)	Puttable Financial Instruments and Obligations Arising On Liquidation
HKFRS 1 & HKAS 27 (Amendments)	Cost of an Investment in a Subsidiary, Jointly Controlled Entity or Associate
HKFRS 2 (Amendment)	Share-based payment – Vesting Conditions and Cancellations
HKFRS 7 (Amendment)	Improving Disclosure about Financial Instruments
HKFRS 8	Operating Segments
HK(IFRIC)-Int 9 & HKAS 39 (Amendments)	Embedded Derivatives
HK(IFRIC)-Int 13	Customer Loyalty Programmes
HK(IFRIC)-Int 15	Agreements for the Construction of Real Estate
HK(IFRIC)-Int 16	Hedges of a Net Investment in a Foreign Operation
HK(IFRIC)-Int 18	Transfers of Assets from Customers
HKFRSs (Amendments)	Improvements to HKFRSs issued in 2008, except for the amendment to HKFRS 5 that is effective for annual periods beginning or after 1 July 2009
HKFRSs (Amendments)	Improvements to HKFRSs issued in 2009 in relation to the amendment to paragraph 80 HKAS 39

Except as described below, the adoption of the new and revised HKFRSs has no material effect on the consolidated financial statements of the Group for the current and prior accounting periods.



## 財務報表附註(續) Notes to the Financial Statements (continued)

### 2. 應用新訂及經修訂的香港財務報告準則 (續)

#### 香港會計準則第1號(2007年修訂)財務報表的呈列

香港會計準則第1號(2007年修訂)中有專業術語的變化(包括綜合財務報表的科目修改)以及財務報表內容和版式的改動。

#### 香港財務報告準則8經營分類

香港財務報告準則第8號是一條披露標準，並無導致本集團須重設其報告分部。

#### 有關金融工具的改善性披露

(對香港財務報告準則第7號金融工具：披露的修訂)

對香港財務報告準則第7號金融工具的修訂擴展到與針對金融工具的公平價值判定相關的披露，此修訂也包括與清算風險相關的披露。本集團沒有根據修正案中發佈的過渡性條款提供擴充後披露的對比性資訊。

### 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS ("HKFRSs") (continued)

#### HKAS 1 (Revised 2007) Presentation of Financial Statements

HKAS 1 (Revised 2007) has introduced terminology changes (including revised titles for the consolidated financial statements) and changes in the format and content of the consolidated financial statements.

#### HKFRS 8 Operating Segments

HKFRS 8 is a disclosure standard. The changes do not affect the Group's segment disclosure.

#### Improving Disclosures about Financial Instruments

(Amendments to HKFRS 7 Financial Instruments: Disclosures)

The amendments to HKFRS 7 expand the disclosures required in relation to fair value measurements in respect of financial instruments which are measured at fair value. The amendments also expand and amend the disclosures required in relation to liquidity risk. The Group has not provided comparative information for the expanded disclosures in relation to fair value measurements in accordance with the transitional provision set out in the amendments.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 2. 應用新訂及經修訂的香港財務報告準則 (續)

##### (b) 仍未生效而本集團亦無提早採納之準則、修訂及對現有準則的詮釋

本集團沒有提早應用以下已經頒佈但還沒有生效的新訂及修訂準則、修訂及和詮釋。

香港財務報告準則 (修訂本)	對香港財務報告 準則第5號的修正 作為2008的改進 部分 <sup>1</sup>
香港財務報告準則 (修訂本)	對香港財務報告準則 2009的改進 <sup>2</sup>
香港會計準則 第24號(經修訂)	關聯方披露 <sup>3</sup>
香港會計準則 第27號(經修訂)	合併和單獨財務報表 <sup>1</sup>
香港會計準則 第32號(修訂本)	權入股發行分類 <sup>4</sup>
香港會計準則 第39號(修訂本)	相關事項 <sup>1</sup>
香港財務報告準則 第1號(修訂本)	首次採用的附加 免稅額 <sup>3</sup>
香港財務報告準則 第2號(修訂本)	以現金支付結算的 付款交易 <sup>3</sup>
香港財務報告準則 第3號(經修訂)	業務合併 <sup>1</sup>
香港財務報告準則 第9號	金融工具 <sup>7</sup>
香港(國際財務報告 詮釋委員會)－ 詮釋第14號 (修訂本)	最少資金需求的 預付款 <sup>5</sup>
香港(國際財務報告 詮釋委員會)－ 詮釋第17號	所有者非現金資產的 分派 <sup>1</sup>
香港(國際財務報告 詮釋委員會)－ 詮釋第19號	用權益工具抵消負債 <sup>6</sup>

- 1 於二零零九年七月一日或之後開始的年度期間生效
- 2 於二零零九年七月一日或二零一零年一月一日當天或之後開始生效的修訂本，具體日期視情況而定
- 3 於二零一零年一月一日或之後開始的年度期間生效
- 4 於二零一零年二月一日或之後開始的年度期間生效
- 5 於二零一一年一月一日或之後開始的年度期間生效
- 6 於二零一零年七月一日或之後開始的年度期間生效
- 7 於二零一三年一月一日或之後開始的年度期間生效

#### 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS ("HKFRSs") (continued)

##### (b) Standards, amendments and interpretations in issue but not yet effective and have not been early adopted by the Group

The Group has not early applied the following new and revised Standards, Amendments and Interpretations that have been issued but are not yet effective.

HKFRSs (Amendments)	Amendment to HKFRS 5 as part of Improvements to HKFRSs 2008 <sup>1</sup>
HKFRSs (Amendments)	Improvements to HKFRSs 2009 <sup>2</sup>
HKAS 24 (Revised)	Related Party Disclosures <sup>5</sup>
HKAS 27 (Revised)	Consolidated and Separate Financial Statements <sup>1</sup>
HKAS 32 (Amendment)	Classification of Rights Issues <sup>4</sup>
HKAS 39 (Amendment)	Eligible Hedged Items <sup>1</sup>
HKFRS 1 (Amendment)	Additional Exemptions for First-time Adopters <sup>3</sup>
HKFRS 2 (Amendment)	Group Cash-settled Share-based Payment Transactions <sup>3</sup>
HKFRS 3 (Revised)	Business Combinations <sup>1</sup>
HKFRS 9	Financial Instruments <sup>7</sup>
HK (IFRIC)-Int 14 (Amendment)	Prepayments of a Minimum Funding Requirement <sup>5</sup>
HK (IFRIC)-Int 17	Distributions of Non-cash Assets to Owners <sup>1</sup>
HK (IFRIC)-Int 19	Extinguishing Financial Liabilities with Equity Instruments <sup>6</sup>

- 1 Effective for annual periods beginning on or after 1 July 2009
- 2 Amendments that are effective for annual periods beginning on or after 1 July 2009 or 1 January 2010, as appropriate
- 3 Effective for annual periods beginning on or after 1 January 2010
- 4 Effective for annual periods beginning on or after 1 February 2010
- 5 Effective for annual periods beginning on or after 1 January 2011
- 6 Effective for annual periods beginning on or after 1 July 2010
- 7 Effective for annual periods beginning on or after 1 January 2013

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 2. 應用新訂及經修訂的香港財務報告準則 (續)

#### (b) 仍未生效而本集團亦無提早採納之準則、修訂及對現有準則的詮釋(續)

集團正評核此等修訂之準則、準則之修訂本及對現有準則之詮釋對集團未來業績及財務狀況之影響。

### 3. 主要會計政策概要

除了在會計政策中所述以公允價值計量的金融工具外，該綜合財務報表乃按歷史成本慣例編制。

綜合財務報表乃根據香港會計師公會頒佈之香港財務報告準則(「香港財務報告準則」)編制。此外，綜合財務報表包括香港聯合交易所證券上市規則及公司條例規定之適用披露事項。

#### 綜合基準

本綜合財務報表包括本公司及本公司所控制的實體(其附屬公司)(包括特殊用途實體)的財務報表。倘本公司有權決定一家實體的財務及經營政策以從其業務活動獲利，即表示該實體受本公司控制。

本年度內購入或出售的附屬公司業績，分別自實際收購日期起或至實際出售日期止(如適用)計入綜合損益表內。

### 2. APPLICATION OF NEW AND REVISED HONG KONG FINANCIAL REPORTING STANDARDS ("HKFRSs") (continued)

#### (b) *Standards, amendments and interpretations in issue but not yet effective and have not been early adopted by the Group* (continued)

The Group has commenced considering the potential impact of the new or revised standards, amendments or interpretations on how its results and financial position are prepared and presented.

### 3. SIGNIFICANT ACCOUNTING POLICIES

The consolidated financial statements have been prepared on the historical cost basis, except for certain financial instruments, that are measured at fair values, as explained in the accounting policies set out below.

The consolidated financial statements have been prepared in accordance with Hong Kong Financial Reporting Standards ("HKFRS") issued by the Hong Kong Institute of Certified Public Accountants. In addition, the consolidated financial statements include applicable disclosures required by the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited and by the Hong Kong Companies Ordinance.

#### **Basis of consolidation**

The consolidated financial statements incorporate the financial statements of the Company and entities (including special purpose entities) controlled by the Company (its subsidiaries). Control is achieved where the Company has the power to govern the financial and operating policies of an entity so as to obtain benefits from its activities.

The results of subsidiaries acquired or disposed of during the year are included in the consolidated statement of comprehensive income from the effective date of acquisition or up to the effective date of disposal, as appropriate.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

倘有需要，將對附屬公司的財務報表作出調整，以使其會計政策與本集團其他成員公司的會計政策一致。

所有集團內公司間的交易、結餘、收入及開支均於編製綜合賬目時抵銷。

綜合附屬公司淨資產內之少數股東所佔權益與本集團所佔之權益分開列賬。少數股東之權益包括該等權益於原業務合併日期之數額及少數股東應佔該合併日期以來之股本變動。適用於少數股東的虧損超出於附屬公司股權的少數股東權益的數額將與本集團的權益作出分配，惟少數股東具約束力責任及可以其他投資補足虧損者除外。

本集團於附屬公司擁有權之變動並無導致本集團對附屬公司失去控制權，而作為股本交易入賬。本集團之權益及非控股權益之賬面值經調整以反映彼等於附屬公司之有關權益變動。非控股權益之面額與已付或已收代價之公平值間任何差額直接於權益中確認並歸屬於本公司之擁有人。

#### 業務合併

業務收購乃採用收購法入賬。於業務合併轉撥之代價按公平值計量，而計算為本集團轉撥之資產及本集團產生之負債，至被收購公司之前擁有人及本集團於交換被收購公司之控制權所發行之股權，於收購日期之公平值總和。與收購事項有關之成本於所產生之溢利或虧損中確認。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

Where necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with those used by other members of the Group.

All intra-group transactions, balances, income and expenses are eliminated on consolidation.

Minority interests in the net assets of consolidated subsidiaries are presented separately from the Group's equity therein. Minority interests consist of the amount of those interests at the date of the original business combination and the minority's share of changes in equity since the date of the combination. Losses applicable to the minority in excess of the minority's interest in the subsidiary's equity are allocated against the interests of the Group except to the extent that the minority has a binding obligation and is able to make an additional investment to cover the losses.

Changes in the Group's ownership interest in a subsidiary that do not result in the Group losing control over the subsidiary are accounted for as equity transactions. The carrying amounts of the Group's interests and the minority interests are adjusted to reflect the changes in their relative interests in the subsidiary. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognised directly in equity and attributed to owners of the Group.

#### Business combinations

Acquisition of business was accounted for using the purchase method. The cost of the acquisition was measured at the aggregate of the fair values, at the date of exchange, of assets given, liabilities incurred or assumed, and equity instruments issued by the Group in exchange for control of the acquiree, plus any costs directly attributable to the business combination. The acquiree's identifiable assets, liabilities and contingent liabilities that met the relevant conditions for recognition were generally recognised at their fair values at the acquisition date.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 業務合併(續)

因收購所產生之商譽乃確認為資產，並初步按成本計量，即業務合併之成本超出本集團所持已確認可識別資產、負債及或然負債公平淨值權益的數額。倘於重新評估後，本集團所持被收購公司的可識別資產、負債及或然負債公平淨值中權益超出業務合併的成本，超出部分則會即時於損益賬內確認。

少數股東所持被收購公司的權益初步按少數股東所持已確認資產、負債及或然負債公平淨值比例計量。

##### 於聯營公司權益

聯營公司是投資者對其有重大影響的實體，不同於附屬公司及合營公司權益。顯著的影響是參與投資物件的財務和經營決策，而不是控制、共同控制這些政策。

聯營公司的經營成果、資產及負債會按權益法計入財務報表內。在權益法下，對聯營公司的投資會在綜合財務狀況表中以成本入帳，並根據本集團在購買後享有聯營公司淨資產份額的變動進行調整，再減去任何個別投資減值進行列報。如聯營公司的損失超過本集團在該聯營公司所佔份額(包括任何長期權益會形成本集團對該聯營公司的淨投資)，本集團對其所佔的進一步損失不予以確認。只有當本集團發生法定或推定義務或者替聯營公司付款時，額外的分佔聯營公司損失及相關負債才會將被確認。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Business combinations (continued)

Goodwill arising on acquisition is recognised as an asset and initially measured at cost, being the excess of the cost of the business combination over the Group's interest in the net fair value of the identifiable assets, liabilities and contingent liabilities recognised. If, after reassessment, the Group's interest in the net fair value of the acquiree's identifiable assets, liabilities and contingent liabilities exceeds the cost of the business combination, the excess is recognised immediately in profit or loss.

The interest of minority shareholders in the acquiree is initially measured at the minority's proportion of the net fair value of the assets, liabilities and contingent liabilities recognized.

##### Interests in associates

An associate is an entity over which the Group has significant influence and that is neither a subsidiary nor an interest in a joint venture. Significant influence is the power to participate in the financial and operating policy decisions of the investee but is not control or joint control over those policies.

The results and assets and liabilities of associates are incorporated in the consolidated financial statements using the equity method of accounting. Under the equity method, investments in associates are carried in the consolidated statement of financial position at cost as adjusted thereafter for post-acquisition changes in the Group's share of net assets of the associate, less any identified impairment loss. When the Group's share of losses of an associate equals or exceeds its interest in that associate (which includes any long-term interests that, in substance, form part of the Group's net investment in the associate), the Group discontinues recognising its share of further losses. An additional share of losses is provided for and a liability is recognised only to the extent that the Group has incurred legal or constructive obligations or made payments on behalf of that associate.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 於聯營公司權益(續)

訂立的購買聯營公司所產生的商譽指購買成本超過本集團在聯營公司的可辨識資產、負債及或有負債在購買當日的公允價值中所佔份額的部份。商譽會包括在投資的金額中並作為長期投資減值認定的一部分。相反，全部的投資金額要作為單獨資產進行減值評估，任何確認的減值損失不能分配給任何資產，包括商譽在內的投資於關聯企業的部分金額。任何減值損失的撤銷要達到隨後投資數額增加之後才可以確定。

訂立的購買聯營公司協議所產生的收購折價指本集團在聯營公司的可辨認資產、負債及或有負債在購買當日的公允價值中所佔份額超過業務購並重估的成本的部份，會立即確認於損益內。

當集團內公司與本集團聯營公司進行交易時，損益會按本集團在相關聯營公司權益所佔份額予以抵銷。

##### 收入確認

收入是按已收或應收對價的公允價值計量，即在正常業務交易所提供的商品及勞務的應收金額減去折扣及其他與銷售有關的稅項後的金額。

銷售在付貨予客戶後及所有權轉移後即予確認。

工程承包合同收入根據已完成部分的比例確認入賬，進一步詳情載於下文有關「建造合同」的會計政策內。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Interests in associates (continued)

Any excess of the cost of acquisition over the Group's share of the net fair value of the identifiable assets, liabilities and contingent liabilities of the associate recognised at the date of acquisition is recognised as goodwill. The goodwill is included within the carrying amount of the investment and is not tested for impairment separately. Instead, the entire carrying amount of the investment is tested for impairment as a single asset. Any impairment loss recognised is not allocated to any asset, including goodwill, that forms part of the carrying amount of the investment in the associate. Any reversal of impairment loss is recognised to the extent that the recoverable amount of the investment subsequently increases.

Any excess of the Group's share of the net fair value of the identifiable assets, liabilities and contingent liabilities over the cost of acquisition, after reassessment, is recognised immediately in profit or loss.

Where a group entity transacts with an associate of the Group, profits and losses are eliminated to the extent of the Group's interest in the relevant associate.

##### Revenue recognition

Revenue is measured at the fair value of the consideration received or receivable and represents amounts receivable for goods sold and services provided in the normal course of business, net of discounts and sales related taxes.

Sales of goods are recognised when goods are delivered and title has passed.

Revenue from construction contracts are recognized on the percentage of completion basis, as further explained in the accounting policy for "Construction contracts" below.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 收入確認(續)

出售物業的收入於物業的風險及回報轉讓至買方，即有關物業竣工後並將物業交付買家，且能合理確保收取有關應收款時，方予確認。

租金收入按其租賃年期以直線法確認。

服務收入在服務提供時即予確認。

金融資產之利息收入乃根據尚餘本金及適用實際利率按時間基準計量，實際利率乃將金融資產於預計年內估計日後現金收入貼現至資產賬面淨值之比率。

投資之股息收入乃於股東有權收取款項時入賬。

##### 物業、廠房及設備

除在建工程外，物業、廠房及設備之價值為原值減去折舊、攤銷及累計的減值損失列賬。

在建工程指用作生產或自用的興建中物業、廠房及設備。在建工程以成本(包括資本化的借貸成本)扣除已確認減值虧損列賬。當工程完成或可作擬定用途時，在建工程須合適地分類為物業、廠房及設備。當該等資產可作擬定用途時，按與其他物業資產折舊計算方法相同之基準開始計算折舊。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Revenue recognition (continued)

Revenue from sales of properties is recognized when the risks and rewards of properties are transferred to the purchasers, which is when the construction of relevant properties has been completed and the properties have been delivered to the purchasers and collectibility of related receivables is reasonably assured.

Rental income is recognized on a straight-line basis over the terms of the relevant lease.

Service income is recognised when services are provided.

Interest income from a financial asset is accrued on a time basis, by reference to the principal outstanding and at the effective interest rate applicable, which is the rate that exactly discounts the estimated future cash receipts through the expected life of the financial asset to that asset's net carrying amount.

Dividend income from investments is recognised when the shareholders' rights to receive payment have been established.

##### Property, plant and equipment

Property, plant and equipment other than construction-in-progress are stated at cost less accumulated depreciation and accumulated impairment losses.

Construction in progress includes property, plant and equipment in the course of construction for production or for its own use purposes. Construction in progress is carried at cost, including borrowing costs capitalized, less any recognised impairment loss. Construction in progress is classified to the appropriate category of property, plant and equipment when completed and ready for intended use. Depreciation of these assets, on the same basis as other property assets, commences when the assets are ready for their intended use.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 物業、廠房及設備(續)

除在建工程外，物業產房及設備的折舊是於計入其估計剩餘價值後以直線法按下列年率於其估計可使用年限中撇銷成本。

房屋建築	3.23% – 6.47%
廠房設備及機器	6.47% – 13.86%
傢俬、裝置及設備	10.78% – 19.40%
運輸工具	16.17% – 19.40%

物業、廠房及設備項目於出售或當預期持續使用該資產將不會產生未來經濟利益時終止確認。終止確認該資產時所產生之任何盈虧(以出售所得款項淨額與該項目賬面值之差額計算)將計入終止確認該項目此階段釐定損益中。

##### 投資物業

投資性房地產指為賺取租金收入和/或實現資本增值。

投資性房地產初始按成本計量，包含交易費用。初始確認後，投資性房地產以成本減累計折舊及減值損失後列賬。投資性房地產折舊是根據投資物業之租約年期以直線法計算。

當投資物業出售、永久不再使用或預期不會帶來經濟利益時，該投資物業會被取消確認。因取消確認而獲得的溢利或虧損(按該項資產的出售收入淨額及其賬面值的差額計算)會於取消確認年度的全面收支表內入賬。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Property, plant and equipment (continued)

Depreciation is provided to write off the cost of items of property, plant and equipment other than construction-in-progress over their estimated useful lives and after taking into account of their estimated residual value, using the straight-line method, on the following bases:

Buildings	3.23% – 6.47%
Plant and machinery	6.47% – 13.86%
Furniture, fixtures and equipment	10.78% – 19.40%
Motor vehicles	16.17% – 19.40%

An item of property, plant and equipment is derecognised upon disposal or when no future economic benefits are expected to arise from the continued use of the asset. Any gain or loss arising on derecognition of the asset (calculated as the difference between the net disposal proceeds and the carrying amount of the item) is included in profit or loss in the period in which the item is derecognised.

##### Investment properties

Investment properties are properties held to earn and/or for capital appreciation.

On initial recognition, investment properties are measured at cost, including any directly attributable expenditure. Subsequent to initial recognition, investment properties are stated at cost less subsequent accumulated depreciation and any accumulated impairment losses. Depreciation is charged so as to write off the cost of investment properties over the lease term using the straight-line method.

An investment property is derecognised upon disposal or when the investment property is permanently withdrawn from use and no future economic benefits are expected from its disposals. Any gain or loss arising on derecognition of the asset (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in profit or loss in the period in which the property is derecognised.



## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 預付土地租賃款

預付土地租賃款以成本減累計攤銷及減值損失後列賬。預付土地租賃款按直線法於剩餘可使用年限內攤銷。

##### 建造合同

如果建造合同的結果能夠可靠地估計，應根據完工百分比法在報告日期末確認合同成本。合同完工進度是根據累計實際發生的合同成本佔合同預計總成本的比例確定。合同中所包括的工程差異需要經客戶同意。

如果建造合同的結果不能夠可靠地估計，合同成本應在發生時確認為費用。

如果合同預計總成本將超過合同預計總收入，應將預計損失立即確認為當期費用。

倘現時之工程費用加經確認溢利減經確認虧損超出進度付款，則盈餘以應收客戶合約工程款項呈示。倘進度付款超出現時之工程費用加經確認溢利減經確認虧損，則盈餘以應付客戶合約工程款項呈示。在有關工程未開始時，預收之款項會於財務狀況表內視為負債—預收款，已進行工程，而客戶未付之款項會放於財務狀況表內以應收賬款及其他應收款呈示。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Prepaid lease payments

Prepaid land lease payments are stated at cost less accumulated amortization and any impairment losses. The prepaid land lease payments are amortised on the straight-line basis over the unexpired period of the rights.

##### Construction contracts

Where the outcome of a construction contract can be estimated reliably, revenue and costs are recognised by reference to the stage of completion of the contract activity at the end of the reporting period, as measured by the proportion that contract costs incurred for work performed to date bear to the estimated total contract costs, except where this would not be representative of the stage of completion. Variations in contract work, claims and incentive payments are included to the extent that they have been agreed with the customer.

Where the outcome of a construction contract cannot be estimated reliably, contract revenue is recognised to the extent of contract costs incurred that it is probable will be recoverable. Contract costs are recognised as expenses in the period in which they are incurred.

When it is probable that total contract costs will exceed total contract revenue, the expected loss is recognised as an expense immediately.

Where contract costs incurred to date plus recognised profits less recognised losses exceed progress billings, the surplus is shown as amounts due from customers for contract work. For contracts where progress billings exceed contract costs incurred to date plus recognised profits less recognised losses, the surplus is shown as amounts due to customers for contract work. Amounts received before the related work is performed are included in the statement of financial position, as a liability, as advances received. Amounts billed for work performed but not yet paid by the customer are included in the consolidated statement of financial position under trade and other receivables.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 租約

當租約條款將所涉及擁有權之絕大部份險及回報轉讓予承租人時，租約乃分類為融資租約。所有其他租約均分類為經營租約。

##### 本集團作為出租人

經營租約之租金收入乃按相關租約年期以直線法於損益中確認。

##### 本集團作為承租人

經營租賃付款於租賃期內按直線法確認為開支。已收及應收於經營租約訂立作為激勵之利益於租期內按直線法確認為租金費用減少。

##### 外幣

##### (a) 功能和呈報貨幣

本集團每個實體的財務報表所列交易均以該實體營運所在的主要經濟環境的貨幣計量(「功能貨幣」)。財務報表以人民幣呈報，人民幣為本公司的功能及呈列貨幣。

##### (b) 交易及結餘

外幣交易採用交易當日的匯率換算為功能貨幣。除符合在權益中遞延入賬之現金流量對沖和淨投資對沖外，結算此等交易產生的匯兌盈虧以及將外幣計值的貨幣資產和負債以結算日的匯率在損益中確認。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Leasing

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

##### *The Group as lessor*

Rental income from operating leases is recognised on a straight-line basis over the term of the relevant lease.

##### *The Group as lessee*

Operating lease payments are recognised as an expense on a straight-line basis over the lease term. Benefits received and receivable as an incentive to enter into an operating lease are recognised as a reduction of rental expense over the lease term on a straight-line basis.

##### Foreign currencies translation

##### (a) *Functional and presentation currency*

Items included in the financial statements of each of the Group's entities are measured using the currency of the primary economic environment in which the entity operates ('the functional currency'). The consolidated financial statements are presented in Renminbi (RMB), which is the Company's functional and presentation currency.

##### (b) *Transactions and balances*

Foreign currency transactions are translated into the functional currency using the exchange rates prevailing at the dates of the transactions. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation at year-end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the profit or loss, except when deferred in equity as qualifying cash flow hedges and qualifying net investment hedges.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 外幣(續)

##### (b) 交易及結餘(續)

以外幣為單位且分類為可供出售的貨幣性證券的公允值變動，按照證券的攤銷成本變動以及該證券賬面值的其他變動所產生的匯兌差額進行分析。與攤銷成本變動有關的匯兌差額於綜合損益表內確認，而賬面值的其他變動於權益內確認。

按公平值透過損益列賬的非貨幣財務資產之匯兌差額，乃列為公平值損益的一部份。可供出售非貨幣金融資產的匯兌差額則計入權益。

##### (c) 集團公司

功能貨幣與呈列貨幣不同的所有本集團實體(該等實體概無嚴重通脹經濟之貨幣)的業績和財務狀況按如下方法換算為呈列貨幣：

- (i) 各呈報的財務狀況表內的資產和負債按該報期結束時的匯率換算；
- (ii) 各收益表內的收入和費用按該收益表期間平均匯率換算(除非該平均值並不合理地接近於交易日之匯率，在此情況下收入及支出乃按交易日之匯率換算)；及

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Foreign currencies translation (continued)

##### (b) Transactions and balances (continued)

Changes in the fair value of monetary securities denominated in foreign currency classified as available for sale are analysed between translation differences resulting from changes in the amortised cost of the security and other changes in the carrying amount of the security. Translation differences related to changes in amortised cost are recognised in profit or loss, and other changes in carrying amount are recognised in equity.

Translation differences on non-monetary financial assets and liabilities such as equities held at fair value through profit or loss are recognised in profit or loss as part of the fair value gains or losses. Translation differences on non-monetary financial assets such as equities classified as available for sale are included in the available for sale reserve in equity.

##### (c) Group companies

The results and financial position of all the Group entities (none of which has the currency of a hyperinflationary economy) that have a functional currency different from the presentation currency are translated into the presentation currency as follows:

- (i) assets and liabilities for each statement of financial position presented are translated at the closing rate at the date of that statement of financial position;
- (ii) income and expenses for each statement of comprehensive income are translated at average exchange rates (unless this average is not a reasonable approximation of the cumulative effect of the rates prevailing on the transaction dates, in which case income and expenses are translated at the rate on the dates of the transactions); and

# 財務報表附註(續)

## Notes to the Financial Statements (continued)

### 3. 主要會計政策概要(續)

#### 外幣(續)

#### (c) 集團公司(續)

- (iii) 所有由此產生的匯兌差額確認為權益的獨立組成項目。

於合併過程中，換算海外營運投資及借貸所產生的匯兌差額均計入股東權益。當出售部分海外營運，此前於權益錄得之匯兌差額會被確認為收益表的銷售溢利或虧損。

收購海外實體產生的商譽及公平值調整視為該海外實體的資產和負債，並按資產負債表日期的匯率換算。

#### 借貸成本

直接用作收購、建造或生產合資格資產的融資成本，當資產達到預定可使用狀態或出售時添加到那些資產成本中。於特別借貸的暫時投資所賺取的投資收入，會由借貸成本資本化中減除，決定於其指定資產費用。

所有其他借貸成本於產生期間損益確認。

### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

#### Foreign currencies translation (continued)

#### (c) Group companies (continued)

- (iii) all resulting exchange differences are recognised as a separate component of equity.

On consolidation, exchange differences arising from the translation of the net investment in foreign operations, and of borrowings and other currency instruments designated as hedges of such investments, are taken to shareholders' equity. When a foreign operation is partially disposed of or sold, exchange differences that were recorded in equity are recognised in the profit or loss as part of the gains or losses on sale.

Goodwill and fair value adjustments arising on the acquisition of a foreign entity are treated as assets and liabilities of the foreign entity and translated at the closing rate.

#### Borrowing costs

Borrowing costs directly attributed to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale are added to the cost of those assets until such time as the assets are substantially ready for their intended use or sale. Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs capitalised.

All other borrowing costs are recognised as an expense in the period in which they are incurred.

# 財務報表附註(續)

## Notes to the Financial Statements (continued)

### 3. 主要會計政策概要(續)

#### 政府補貼

政府補貼按與計劃抵消的成本配對所需期間確認為收入。政府補貼是作為支出或已發生的虧損補償、或是以給予該集團及時的財務支持為目的而獲得的，無未來相關成本，在本階段釐定損益中確認。

#### 退休金

本集團於中國營運的附屬公司的僱員須參與當地市政府營辦的中央退休金計劃。供款於根據中央退休金計劃的規則成為應付時在損益內扣除。

#### 所得稅

所得稅開支指即期應付稅項及遞延稅項之總和。

即期應付稅項乃按本年度應課稅溢利計算。應課稅溢利與綜合損益表所報溢利不同，乃由於前者不包括其他年度之應課稅或可扣稅收入或開支，並且不包括毋須課稅或不可扣稅項目。本集團之即期稅項負債乃按報告周末已頒佈或實際已頒佈之稅率計算。

### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

#### Government grants

Government grants are recognised as revenue over the periods necessary to match them with the costs for which they are intended to compensate, on a systematic basis. Government grants that are receivables as compensation for expenses or losses already incurred or for the purpose of giving immediate financial support to the Group with no future related costs are recognised in profit or loss in the period in which they become receivable.

#### Retirement benefit costs

The employees of the Group which operate in mainland China are required to participate in a central pension scheme operated by the local government. The contributions are charged to the statement of comprehensive income as they become payable in accordance with the rules of the central pension scheme.

#### Taxation

Income tax expense represents the sum of the tax currently payable and deferred tax.

The tax currently payable is based on taxable profit for the year. Taxable profit differs from profit as reported in the consolidated statement of comprehensive income because of items of income or expense that are taxable or deductible in other years and items that are never taxable or deductible. The Group's liability for current tax is calculated using tax rates that have been enacted or substantively enacted by the end of the reporting period.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 所得稅(續)

遞延稅項指就綜合財務報表內資產及負債賬面值與計算應課稅溢利所用相應稅基之差額確認，按綜合財務狀況表債務法入賬。遞延稅項負債一般會就所有應課稅暫時差額確認，而遞延稅項資產乃於可能出現應課稅溢利以抵銷可扣稅之暫時差異確認。倘暫時性差異源自商譽或初步確認不影響應課稅溢利或會計溢利之交易(業務合併除外)中其他資產及負債，則不會確認該等資產及負債。

遞延稅項負債乃按於附屬公司及聯營公司之投資所產生應課稅暫時差額確認，惟若本集團可控制暫時差額之撥回，且暫時差額有可能於可見將來不會撥回之情況除外。從與這些投資和利益相關的可扣除暫時差額產生的遞延稅項資產只能達到一定的程度才可確認，即有足夠的課稅利潤來應對能夠利用暫時差額利益並期待以後有所回轉。

遞延稅項資產之賬面值於各個報告周期末檢討，並於可能不再有足夠應課稅溢利恢復該項資產全部或部分之情況下調減。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Taxation (continued)

Deferred tax is recognised on temporary differences between the carrying amounts of assets and liabilities in the consolidated financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognised for all taxable temporary differences. Deferred tax assets are generally recognised for all deductible temporary differences to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilised. Such deferred tax assets and liabilities are not recognised if the temporary difference arises from goodwill or from the initial recognition (other than in a business combination) of other assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit.

Deferred tax liabilities are recognised for taxable temporary differences associated with investments in subsidiaries and associates, and interests in joint ventures, except where the Group is able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred tax assets arising from deductible temporary differences associated with such investments and interests are only recognised to the extent that it is probable that there will be sufficient taxable profits against which to utilise the benefits of the temporary differences and they are expected to reverse in the foreseeable future.

The carrying amount of deferred tax assets is reviewed at the end of the reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

# 財務報表附註(續)

## Notes to the Financial Statements (continued)

### 3. 主要會計政策概要(續)

#### 所得稅(續)

遞延稅項資產和負債是按預期於償還負債或變現資產期間使用的稅率計算，基於報告期末前已制定或實際制定的稅率(稅法)為準，遞延稅項負債和資產的衡量反映了稅項結果符合公司期望在報告期末內彌補或結算資產和負債的賬面值的做法。遞延稅項按損益確認，除了涉及需要在其他綜合損益中或直接於權益中確認的項目，在這種情況下，遞延稅項也在其他綜合收益中或直接在各自權益中確認。

#### 無形資產

##### (i) 個別收購之無形資產

個別收購之有限可使用年期之無形資產乃按成本減累計攤銷及任何累計減值虧損入賬。有限可使用年期之無形資產攤銷乃按直線基準於其估計可使用年期撥備。相反，無限可使用年期之無形資產乃按成本減任何其後累計減值虧損入賬。

取消確認無形資產所產生之損益以出售資產所得款項淨額與賬面值之間之差額計算，並於取消確認資產時在綜合損益表內確認。

### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

#### Taxation (continued)

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realised, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities. Deferred tax is recognised in profit or loss, except when it relates to items that are recognised in other comprehensive income or directly in equity, in which case, the deferred tax is also recognised in other comprehensive income or directly in equity respectively.

#### Intangible assets

##### (i) *Intangible assets acquired separately*

Intangible assets acquired separately and with finite useful lives are carried at costs less accumulated amortisation and any accumulated impairment losses. Amortisation for intangible assets with finite useful lives is recognised on a straight-line basis over their estimated useful lives. Alternatively, intangible assets with indefinite useful lives are carried at cost less any subsequent accumulated impairment losses.

Gains or losses arising from derecognition of an intangible asset, are measured at the difference between the net disposal proceeds and the carrying amount of the asset and are recognised in profit or loss when the asset is derecognised.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 無形資產(續)

##### (ii) 研究及開發成本

研究活動支出於產生期間確認為開支。

開發(或是內部工程開發階段)所產生之內部形成無形資產，僅在滿足以下條件時方予確認：

- 完成無形資產的技術可行性，從而可以使用或銷售；
- 有意去完成該無形資產從而使之可以使用或銷售；
- 使用或銷售無形資產的能力；
- 將來無形資產怎樣產生經濟效益；
- 使用適當技術、財務和其他資源來完成其發展，並使用和銷售此無形資產；
- 及能夠準確衡量用於開發無形資產的支出。

初步確認內部形成無形資產之金額為無形資產首次符合確認條件之日起產生之費用總和。倘並無內部形成無形資產可予確認，則開發費用會於產生期間計入損益。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Intangible assets (continued)

##### (ii) Research and development expenditure

Expenditure on research activities is recognised as an expense in the period in which it is incurred.

An internally-generated intangible assets arising from development (or from the development phase of an internal project) is recognised if, and only if, all the following have been demonstrated:

- the technical feasibility of completing the intangible asset so that it will be available for use or sale;
- the intention to complete the intangible asset and use or sell it;
- the ability to use or sell the intangible asset;
- how the intangible asset will generate probable future economic benefits;
- the availability of adequate technical, financial and other resources to complete the development and to use or sell the intangible asset; and
- the ability to measure reliably the expenditure attributable to the intangible asset during its development.

The amount initially recognised for internally-generated intangible asset is the sum of the expenditure incurred from the date when the intangible asset first meets the recognition criteria. Where no internally-generated intangible asset can be recognised, development expenditure is charged to profit or loss in the period in which it is incurred.



## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 無形資產(續)

##### (ii) 研究及開發成本(續)

於首次確認後，內部產生無形資產根據已個別收購無形資產的相同基準，按成本減累計攤銷及累計減值虧損後列賬。

##### (iii) 於業務合併所收購之無形資產

倘於業務合併所收購之無形資產符合無形資產之定義，且其公平值能可靠衡量，則會與商譽分開識別及確認。該等無形資產之成本為於收購日之公平值。

於首次確認後，具有限可使用年期之無形資產，按成本減累計攤銷及任何累計減值虧損。有限可使用年期之無形資產攤銷乃按直線基準於其估計可使用年期撥備。

##### (iv) 減值

不論是否出現可能減值之跡象，無限使用年期之無形資產及尚未準備作出售之無形資產每年進行減值測試，方法為比較其可收回金額與賬面值。倘資產之可收回金額估計會低於其賬面值，則該資產之賬面值將調低至其可收回金額。減值虧損會即時確認為開支。

倘其後減值虧損撥回，則資產之賬面值將增至重新估計之可收回金額，惟增加後之賬面值不得超過資產於過往年度尚未確認減值虧損時釐定之賬面值。減值虧損撥回會即時確認為收入。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Intangible assets (continued)

##### (ii) Research and development expenditure (continued)

Subsequent to initial recognition, internally-generated intangible asset is measured at cost less accumulated amortisation and accumulated impairment losses, on the same basis as intangible assets that are acquired separately.

##### (iii) Intangible assets acquired in a business combination

Intangible assets acquired in a business combination are identified and recognised separately from goodwill are initially recognised at their fair value at the acquisition date (which is regarded as their cost).

Subsequent to initial recognition, intangible assets acquired in a business combination are measured at cost less accumulated amortisation and accumulated impairment losses (if any), on the same basis as intangible assets that are acquired separately.

##### (iv) Impairment

At the end of the reporting period, the Group reviews the carrying amounts of its tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss, if any. If the recoverable amount of an asset is estimated to be less than its carrying amount, the carrying amount of the asset is reduced to its recoverable amount. An impairment loss is recognised as an expense immediately.

Where an impairment loss subsequently reverses, the carrying amount of the asset is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognised for the asset in prior years. A reversal of an impairment loss is recognised as income immediately.

# 財務報表附註(續)

## Notes to the Financial Statements (continued)

### 3. 主要會計政策概要(續)

#### 無形資產(續)

##### (iv) 減值(續)

倘一項資產出現可能減值之跡象，有限使用年期之無形資產會進行減值測試。

#### 存貨

存貨按成本與可變現淨值兩者之較低值入賬。成本採用加權平均法計算。

發展中物業之成本以截至目前所發生之成本減去可預見之損失列示。成本包括建築成本，財務及其他有關該物業發展之直接成本。在建物業並不需提折舊。

#### 發展中物業

發展中物業指永久業權土地、租賃土地及樓宇的投資，而其建築工程及發展尚未完成。發展中物業包括租賃土地及土地使用權的預付款按攤銷成本減累計減值損失計量，及以成本減累計減值損失列值的樓宇部分。成本包括建築成本及於建築期間資本化之租賃土地預付款攤銷及於購買合資格資產而產生之借貸成本之金額。建築完成後，物業按其賬面值重新分類為投資物業、物業、機器及設備或已落成之待售物業。有關物業、機器及設備的租賃土地及土地使用權的預付款被重列至租賃土地及土地使用權，並視作營運租賃列賬。投資物業的公允價值及其於重新分類當日的賬面值之差額於綜合損益賬內確認。發展中之物業列作非流動資產，在正常經營週期內建成及作銷售用途之物業發展項目則除外。

### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

#### Intangible assets (continued)

##### (iv) Impairment (continued)

Intangible assets with finite useful lives are tested for impairment when there is an indication that an asset may be impaired.

#### Inventories

Inventories are stated at the lower of cost and net realisable value. Cost is calculated using the weighted average cost method.

Properties held for development for sale in the ordinary course of business are stated at cost less any identified impairment loss. Cost includes the cost of construction, financing and other direct costs attributable to the development of such properties. No depreciation is provided on properties under development.

#### Properties under development

Properties under development are investments in freehold land, leasehold land and buildings on which construction work and development have not been completed. Properties under development comprise prepayments for leasehold land and land use rights that are measured at amortised cost less accumulated impairment losses, and a component in respect of the building that is stated at cost less accumulated impairment losses. Cost comprises construction costs and amounts capitalised in respect of amortisation of leasehold land prepayments and borrowing costs incurred in the acquisition of qualifying assets during the construction. On completion, the properties are reclassified to investment properties, property, plant and equipment or completed properties held for sale at the then carrying amount. The prepayments for leasehold land and land use rights in relation to the property, plant and equipment are reclassified to leasehold land and land use rights and are accounted for as operating leases. Any difference between the fair value of the investment property and its carrying amount at the date of reclassification is recognised in the consolidated statement of comprehensive income. Properties under development are classified as non-current assets unless the construction period of the relevant property development project is expected to be completed within the normal operating cycle and are intended for sale.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 已落成之待售物業

已落成之待售物業初步以於發展中物業重新分類為落成物業當日之賬面值計量。其後，預付租賃土地部分按攤銷成本減累計減值虧損計量，而樓宇部分按成本及可變現淨值兩者間之較低者列值。可變現淨值指於正常業務狀況下的估計銷售價減銷售費用。

##### 金融工具

當集團實體成為工具合約條文之訂約方時，金融資產及金融負債於綜合財務狀況表確認。金融資產及金融負債初步按公平值計算。因收購或發行金融資產及金融負債(按公平值計入損益之金融資產及金融負債除外)而直接產生之交易成本，於初步確認時加入金融資產或金融負債(視情況而定)之公平值或自金融資產和金融負債(視情況而定)之公平值扣除。因收購按公平值計入損益之金融資產或金融負債而直接產生之交易成本即時於釐定損益中確認。

##### 金融資產

本集團之金融資產可分類為貸款及應收款項以及可供出售金融資產。所有日常買賣之金融資產於交易日確認及不再確認。日常買賣指須根據市場規則或慣例訂立之時間內交收資產之金融資產買賣。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Completed properties held for sale

Completed properties held for sale are initially measured at the carrying amount of the property at the date of reclassification from properties under development. Subsequently, the prepaid leasehold land component is measured at amortised cost less accumulated impairment losses; the building component is carried at the lower of cost and net realisable value. Net realisable value is the estimated selling price in the ordinary course of business less selling expenses.

##### Financial instruments

Financial assets and financial liabilities are recognized on the consolidated of financial position when a group entity becomes a party to the contractual provisions of the instrument. Financial assets and financial liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit or loss) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value through profit or loss are recognised immediately in profit or loss.

##### Financial assets

The Group's financial assets are classified into loans and receivables and available-for-sale financial assets. All regular way purchases or sales of financial assets are recognised and derecognised on a trade date basis. Regular way purchases or sales are purchases or sales of financial assets that require delivery of assets within the time frame established by regulation or convention in the marketplace.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 金融工具(續)

##### 金融資產(續)

##### 實際利率法

實際利率法乃計算金融資產之攤銷成本以及分配相關期間利息收入之方法。實際利率乃按金融資產之預計年期或適用的較短期間內最初確認資產淨值準確貼現估計未來收取之現金(包括構成實際利率主要部分之所有已付或已收費用、交易成本及其他溢價或折讓)之利率。

債務工具的利息收入按實際利率方法確認。

##### 貸款及應收款項

貸款及應收款項為無活躍市場報價而附帶固定或可釐定付款之非衍生性質金融資產，於首次確認後的每一個結算日，貸款及應收款項(包括應收賬款、應收票據、其他應收款及按金、建造合同應收款、應收同系附屬公司款項、應收聯營公司款項、有限制存款、已抵押存款、定期存款、銀行結存及現金)採用實際利率法攤銷成本，減除任何已識別減值虧損後列賬。(詳見下文金融資產之減值虧損有關之會計政策。)

##### 可供出售之金融資產

可供出售金融資產乃指定或並未分類為按公平值計入損益之金融資產、貸款及應收款項或持至到期投資之非衍生工具。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Financial instruments (continued)

##### Financial assets (continued)

##### Effective interest method

The effective interest method is a method of calculating the amortised cost of a financial asset and of allocating interest income over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash receipts (including all fees points paid or received that from an integral part of the effective interest rate, transaction costs and other premiums or discounts) through the expected life of the financial asset, or where appropriate, a shorter period to the net carrying amount on initial recognition.

Income is recognised on an effective interest basis for debt instruments.

##### Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Loans and receivables (including trade debtors, bills receivable, other debtors and deposits, amounts due from customers for contract work, amounts due from fellow subsidiaries, amounts due from associates, restricted bank deposits, pledged bank deposits, bank deposits and cash and cash equivalents) are measured at amortised cost using the effective interest method, less any impairment losses (see accounting policy in respect of impairment loss on financial assets below).

##### Available-for-sale financial assets

Available-for-sale financial assets are non-derivatives that are either designated or not classified as financial assets at fair value through profit or loss, loans and receivables or held-to-maturity investments.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 金融工具(續)

##### 金融資產(續)

##### 實際利率法(續)

可供出售金融資產按公平值計算。公平值之變動於其他綜合收益和資產重估準備累積確認，直至該金融資產被出售或釐定出現減值，屆時過往於權益確認之累計收益或虧損會自權益剔除，並於損益確認(請參閱下文有關金融資產減值虧損之會計政策)。

就並無活躍市場報價且其公平值無法可靠計量，以及與其相關之衍生工具必須以交付有關非報價股本工具結付之可供出售股本投資而言，於各個報告期末日按成本值減任何已識別減值虧損計算(請參閱下文有關金融資產減值虧損之會計政策)。

##### 金融資產減值

金融資產(按公平值計入損益之金融資產除外)於各報告期末日評估有否減值跡象。倘有客觀證據證明初步確認金融資產後發生之一項或多項事件令金融資產之估計未來現金流量受到影響，則金融資產出現減值。

就可供出售股權投資而言，該投資的公允值大幅或持久低於成本被視為減值的客觀證據。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Financial instruments (continued)

##### Financial assets (continued)

##### Available-for-sale financial assets (continued)

Available-for-sale financial assets are measured at fair value at the end of the reporting period. Changes in fair value are recognised in other comprehensive income and accumulated in investment revaluation reserve, until the financial asset is disposed of or determined to be impaired, at which time, the cumulative gain or loss previously accumulated in the investments revaluation reserve is reclassified to profit or loss (see accounting policy in respect of impairment loss on financial assets below).

For available-for-sale equity investments that do not have a quoted market price in an active market and whose fair value cannot be reliably measured and derivatives that are linked to and must be settled by delivery of such unquoted equity instruments, they are measured at cost less any identified impairment losses at the end of the reporting period (see accounting policy in respect of impairment loss on financial assets below).

##### Impairment of financial assets

Financial assets, other than those at fair value through profit or loss, are assessed for indicators of impairment at the end of the reporting period. Financial assets are impaired where there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows of the investment have been affected.

For an available-for-sale equity investment, a significant or prolonged decline in the fair value of that investment below its cost is considered to be objective evidence of impairment.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 金融工具(續)

##### 金融資產(續)

##### 金融資產減值(續)

就其他所有金融資產而言，減值的客觀證據包括：

- 發行人或對約方出現重大財政困難；或
- 未能繳付或延遲償還利息或本金；或
- 借款人有可能面臨破產或財務重組。

就貿易應收賬款等若干金融資產類別而言，被評估為不會個別減值之資產其後按整體基準進行減值評估。應收賬款組合之客觀減值證據包括本集團之過往收款經驗、組合內延遲還款至超逾平均信貸期，以及與應收賬款逾期有關之全國或地方經濟狀況出現明顯改變。

就按已攤銷成本列賬的金融資產而言，當有客觀證據證明資產已減值，減值虧損於損益中確認，並按資產賬面值與按原實際利率貼現之估計日後現金流量現值之差額計算。

就以成本列賬之金融資產而言，減值虧損之金額按資產賬面值與按類似金融資產當時市場回報率貼現之估計未來現金流量現值之差額計量。有關減值虧損將不會於隨後期間撥回。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Financial instruments (continued)

##### Financial assets (continued)

##### Impairment of financial assets (continued)

For all other financial assets, objective evidence of impairment could include:

- significant financial difficulty of the issuer or counterparty; or
- default or delinquency in interest or principal payments; or
- it becoming probable that the borrower will enter bankruptcy or financial re-organisation.

For certain categories of financial asset, such as trade debtors, assets that are assessed not to be impaired individually are assessed for impairment on a collective basis. Objective evidence of impairment for a portfolio of receivables could include the Group's past experience of collecting payments, an increase in the number of delayed payments in the portfolio past the average credit period and observable changes in national or local economic conditions that correlate with default on receivables.

For financial assets carried at amortised cost, the amount of the impairment loss is the difference between the asset's carrying amount and the present value of estimated future cash flows discounted at the financial asset's original effective interest rate.

For financial assets carried at cost, the amount of the impairment loss is measured as the difference between the asset's carrying amount and the present value of the estimated future cash flows discounted at the current market rate of return for a similar financial asset. Such impairment loss will not be reversed in subsequent periods.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 金融工具(續)

##### 金融資產(續)

##### 金融資產減值(續)

與所有金融資產有關之減值虧損會直接於金融資產之賬面值中作出扣減，惟貿易及其他應收賬款除外，其賬面值會透過撥備賬作出扣減。撥備賬內之賬面值變動會於損益賬中確認。當貿易及其他應收賬款被視為不可收回時，其將於撥備賬內撇銷。倘其後收回之前已撇賬的款項，將撥回損益賬內。

就按已攤銷成本列賬之金融資產而言，減值虧損金額如於以後期間減少，而有關減少在客觀上與確認減值後發生之事件有關，則先前已確認之減值虧損將透過損益予以撥回，惟該資產於減值被撥回當日之賬面值不得超過未確認減值時之已攤銷成本。

可供出售股權投資的減值虧損將不會於以後期間撥回損益賬中。任何減值虧損後之公允價值上升於權益確認。

##### 金融負債及權益

集團實體發行的金融負債及權益工具乃根據所訂立合約安排的性質與金融負債及權益工具的定義分類。

權益工具乃證明本集團於扣減所有負債後的資產中擁有剩餘權益的任何合約。本集團的金融負債一般歸類為按公平值計入損益的金融負債及其他金融負債。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Financial instruments (continued)

##### Financial assets (continued)

##### Impairment of financial assets (continued)

The carrying amount of the financial asset is reduced by the impairment loss directly for all financial assets with the exception of trade debtors, where the carrying amount is reduced through the use of an allowance account. When a trade or other debtors is considered uncollectible, it is written off against the allowance account. Subsequent recoveries of amounts previously written off are credited against the allowance account. Changes in the carrying amount of the allowance account are recognised in profit or loss.

For financial assets measured at amortised cost, if, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognised, the previously recognised impairment loss is reversed through profit or loss to the extent that the carrying amount of the asset at the date the impairment is reversed does not exceed what the amortised cost would have been had the impairment not been recognised.

Impairment losses on available-for-sale equity investment will not be reversed in profit or loss in subsequent periods. Any increase in fair value subsequent to impairment loss is recognised directly in equity.

##### Financial liabilities and equity

Debt and equity instruments issued by a group entity are classified as either financial liabilities or as equity in accordance with the substance of the contractual arrangements and the definitions of a financial liability and an equity instrument.

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. The Group's financial liabilities are generally classified into other financial liabilities.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 金融工具(續)

##### 金融負債及權益(續)

##### 實際利率法

實際利率法乃一種計算相關期間金融負債攤銷成本與分配利息支出的方法。實際利率乃在金融負債的預計年期或最初確認的賬面值淨值較短期間(如適用)內，將其估計未來現金支出(包括構成實際利率整體部分所支付的所有費用)精確貼現所使用的利率。

利息支出以實際利率基礎確認。

##### 其他金融負債

其他金融負債包括建造合同應付款、應付賬款、其他應付款及應計費用、金融衍生工具、欠同系附屬公司款項、欠控股公司款項、借款、已收按金，乃隨後採用實際利率法按已攤銷成本計量。

##### 損益工具

本公司發行之損益工具乃按已收所得款項(扣除直接發行成本)記賬。

##### 金融衍生工具及對沖

衍生工具於訂立衍生工具合約日期初步以公平值確認，隨後於各結算日按其公平值重新計量。所產生的盈虧即時於損益內確認，除非該衍生工具被指定且為有效的對沖工具，在此情況下，於損益內確認的時間將取決於對沖關係的性質。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Financial instruments (continued)

##### Financial liabilities and equity (continued)

##### Effective interest method

The effective interest method is a method of calculating the amortised cost of a financial liability and of allocating interest expense over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash payments through the expected life of the financial liability, or, where appropriate, a shorter period to the net carrying amount on initial recognition.

Interest expense is recognised on an effective interest basis.

##### Other financial liabilities

Other financial liabilities including amounts due to customers for contract work, trade creditors, other creditors and accrued charges, derivative financial instruments, amounts due to fellow subsidiaries, advance from holding company, borrowings, deposits received, are subsequently measured at amortised cost, using the effective interest rate method.

##### Equity instruments

Equity instruments issued by the Group are recorded at the proceeds received, net of direct issue costs.

##### Derivative financial instruments and hedging

Derivatives are initially recognised at fair value at the date a derivative contract is entered into and are subsequently remeasured to their fair value at the end of the reporting period. The resulting gain or loss is recognised in profit or loss immediately unless the derivative is designated and effective as a hedging instrument, in which event the timing of the recognition in profit or loss depends on the nature of the hedge relationship.



## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 3. 主要會計政策概要(續)

##### 金融工具(續)

##### 取消確認

當從金融資產收取現金流之合約權利屆滿時，或金融資產被轉讓而本集團已實質上將與資產所有權有關的全部風險及回報轉移予另一實體，本集團才會終止確認財務資產。倘本集團既無轉移亦無保留所有權之大部份風險及報酬，並繼續控制已轉移之資產，本集團確認其資產之保留權益及可能須支付之相關負債。倘本集團保留已轉移金融資產所有權之大部份風險及報酬，本集團繼續確認該金融資產，亦就已收取之所得款項確認有抵押借款。

於取消確認金融資產時，資產賬面值與已收及應收代價及已於其他綜合損益表確認及於權益累計之累計盈虧之總和之差額於損益確認。

當及僅當本集團之義務解除、取消或彼等到期時，本集團取消確認金融負債。取消確認金融負債之賬面值與已付及應付之代價之差額於損益確認。

##### 預計負債

若本集團須就過往事件而承擔現有責任，及本集團有可能須履行該項責任，並對責任的金額可作出可靠估計時，則會確認撥備。

確認為撥備之金額為於申報期間結束時履行現時責任所需代價之最佳估計，而估計乃經考慮圍繞責任之風險及不確定性而作出。倘撥備以估計履行現時責任之現金流量計量時，其賬面值為該等現金流量之現值(倘影響屬重大)。

#### 3. SIGNIFICANT ACCOUNTING POLICIES (continued)

##### Financial instruments (continued)

##### Derecognition

The Group derecognises a financial asset only when the contractual rights to receive the cash flows from the assets expire, or when a financial asset is transferred and the Group has transferred substantially all the risks and rewards of ownership of the financial asset to another entity. If the Group neither transfers nor retains substantially all the risks and rewards of ownership and continues to control the transferred asset, the Group recognizes its retained interest in the asset and an associated liability for amounts it may have to pay. If the Group retains substantially all the risks and rewards of ownership of a transferred financial asset, the Group continues to recognise the financial asset and also recognises a collateralised borrowing for the proceeds received.

On derecognition of a financial asset, the difference between the asset's carrying amount and the sum of the consideration received and receivable and the cumulative gain or loss that had been recognised in other comprehensive income and accumulated in equity is recognised in profit or loss.

The Group derecognises financial liabilities when, and only when, the Group's obligations are discharged, cancelled or they expire. The difference between the carrying amount of the financial liability derecognised and the consideration paid and payable is recognised in profit or loss.

##### Provisions

Provisions are recognised when the Group has a present obligation (legal or constructive) as a result of a past event, it is probable that the Group will be required to settle that obligation, and a reliable estimate can be made of the amount of the obligation.

The amount recognised as a provision is the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. Where a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows (where the effect is material).

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 4. 估計不確定因素之主要來源

於採用本集團之會計政策時，管理層根據過往經驗，對未來之預期及其他資料作出各種判斷、估計及假設。有重大風險會對於財務報表中已確認之數額產生大幅調整之估計及假設計論如下。

##### 貸款及應收款項之估計減值(包括應收同系附屬公司款項，應收賬款及其他應收款)

管理層定期檢討貿易應收賬款、應收貸款及墊付被投資公司之可回收性及／或賬齡情況。當有客觀證據顯示資產已減值，則估計不可收回款項之適當減值，將於損益內確認。

在釐定呆壞賬是否需要作出減值時，本集團已考慮到賬齡情況及收回賬項之可能性。只會就不可能收回之應收賬款作出特定備抵，並根據有效之利率對未來預期可收取現金流之折現值及現值之差額入賬。

##### 存貨跌價撥備

管理層審核可變現淨值及存貨賬齡分析並按現存市場環境，過往年度銷售表現和估計市值(即是估計銷售價減去估計銷售成本)而對滯銷存貨進行撥備。如存貨的估計市值低於其帳面值時，將會作出針對性的撥備。

#### 4. KEY SOURCES OF ESTIMATION UNCERTAINTY

In the process of applying the Group's accounting policies, management makes various estimates based on past experiences, expectations of the future and other information. The key sources of estimation uncertainty that may significantly affect the amounts recognised in the consolidated financial statements are disclosed below:

##### Estimated impairment on loans and receivables (including amounts due from fellow subsidiaries, trade and other debtors)

Management regularly reviews the recoverability and aging of loans and trade receivables. Appropriate impairment for estimated irrecoverable amounts are recognised in profit and loss when there is objective evidence that the asset is impaired.

In determining whether impairment for bad and doubtful debts is required, the Group takes into consideration the aging status and likelihood of collection. Specific allowance is only made for receivables that are unlikely to be collected and is recognised on the difference between the estimated future cash flow expected to receive discounted using the original effective interest rate and its carrying value.

##### Allowance for inventories

Management reviews the net realisable values and aging of inventories and makes allowance for obsolete and slow moving inventory items identified with reference to existing market environment, the sales performance in previous years and estimated market value, i.e. the estimated selling price, less estimated costs of selling. A specific allowance for inventories is made if the estimated market value of the inventories is lower than its carrying value.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 5. 主營業務收入

主營業務收入指本集團將產品售予外界客戶及為其提供服務之已收及應收金額在扣除增值稅及退貨後之淨額，分列如下：

#### 5. REVENUE

Revenue represents the amounts received and receivable for goods sold and services rendered by the Group to outside customers during the year, net of value added tax ("VAT") and sales returns, and is analysed as follows:

		2009	2008
		人民幣千元	人民幣千元
		Rmb'000	Rmb'000
產品銷售	Sales of goods	20,741,812	22,976,686
建造合同收入	Revenue from construction contracts	7,629,850	6,302,931
出售物業收入	Sales of properties	202,628	46,443
租賃收入	Rental income	40,801	35,848
服務提供收入	Services rendered	14,431	541,636
		<b>28,629,522</b>	29,903,544

#### 6. 業務和地區分部

##### 業務分部

本集團採納自2009年1月1日起生效的香港財務報告準則第8號營運分部。香港財務報告準則第8號為一披露準則，規定以本集團主要營運決策者在決定分部資源分配及評估其表現時以其定期審閱本集團組成部分之內部報告作為識別營運分部之基礎。相反，原準則香港會計準則第14號分部資料，規定一間公司使用風險及回報法識別兩個分部：業務及地區。董事認為應用香港財務報告準則第8號，並無導致本集團須比較根據香港會計準則第14號所釐定的原本報告分部而再重訂報告分部，亦無改變分部損益之基礎。

#### 6. BUSINESS AND GEOGRAPHICAL SEGMENTS

##### Business segments

The Group has adopted HKFRS 8 Operating Segments with effect from 1 January 2009. HKFRS 8 is a disclosure standard that requires operating segments to be identified on the basis of internal reports about components of the Group that are regularly reviewed by the chief operating decision maker (the "CODM") for the purposes of allocating resources to segments and assessing their performance. In contrast, the predecessor standard HKAS 14 Segment Reporting required an entity to identify two sets of segments, business and geographical, using a risks and returns approach. The directors consider that the adoption of HKFRS 8 has not resulted in a redesignation of the reportable segments for the Group compared with the primary reportable segments determined in accordance with HKAS 14, nor has the adoption of HKFRS 8 changed the basis of measurement of segment profit or loss.

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 6. 業務和地區分部(續)

#### 業務分部(續)

根據香港財務報告準則第8號，報告分部資料以董事，即本集團之主要營運決策者，定期審閱之內部管理報告資料為基礎。本集團就根據香港財務報告準則第8號所作之報告分部而採用之計量政策，乃與其根據香港財務報告準則所編製之財務報表所採用之政策相同。董事評估分部之表現乃根據分部損益之量度基準。

本集團分為以下五個主要分部—火電主機設備、水電主機設備、電站工程服務、電站輔機和配套設備、交直流電機及其他：

主要經營活動如下：

火電主機設備	—	製造火電主機設備
水電主機設備	—	製造水電主機設備
電站工程服務	—	提供電站工程建設服務
電站輔機和 配套設備	—	製造電站輔機和 配套設備
交直流電機及 其他	—	製造交直流電機及 其他

### 6. BUSINESS AND GEOGRAPHICAL SEGMENTS (continued)

#### Business segments (continued)

Under HKFRS 8, reported segment information is based on internal management reporting information that is regularly reviewed by the directors, being the CODM of the Group. The measurement policies the Group used for segment reporting under HKFRS 8 are the same as those used in its HKFRS financial statements. The directors assess the performance of the operating segments based on a measure of segment profit or loss.

The Group operates in five major segments as follows-main thermal power equipment, main hydro power equipment, engineering services for power stations, ancillary equipment for power stations and AC/DC motors and others.

Principal activities are as follows:

Main thermal power equipment	—	manufacture of main thermal power equipment.
Main hydro power equipment	—	manufacture of main hydro power equipment.
Engineering services	—	providing engineering services for power stations.
Ancillary equipment	—	manufacture of ancillary equipment for power stations.
AC/DC motors and others	—	manufacture of AC/DC motor and others.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 6. 業務和地區分部(續)

關於這些業務的分部信息列示如下：

2009年

#### 6. BUSINESS AND GEOGRAPHICAL SEGMENTS (continued)

Segment information about these businesses is presented below:

2009

		火電 主機設備 Main thermal power equipment 人民幣千元 Rmb'000	水電 主機設備 Main hydro power equipment 人民幣千元 Rmb'000	電站 工程服務 Engineering services for power stations 人民幣千元 Rmb'000	電站輔機 及配套 設備 Ancillary equipment for power stations 人民幣千元 Rmb'000	交直流 電機及其他 AC/DC motors and others 人民幣千元 Rmb'000	內部抵銷 Eliminations 人民幣千元 Rmb'000	合併 Consolidated 人民幣千元 Rmb'000
主營業務收入	<b>REVENUE</b>							
外部收入	External sales	19,220,791	1,893,429	4,299,673	1,251,301	1,964,328	-	28,629,522
分部收入	Inter-segment sales	1,736,527	-	-	-	-	(1,736,527)	-
總收入	Total revenue	<b>20,957,318</b>	<b>1,893,429</b>	<b>4,299,673</b>	<b>1,251,301</b>	<b>1,964,328</b>	<b>(1,736,527)</b>	<b>28,629,522</b>

分部間的銷售是以現行市場價格計算的。Inter-segment sales are charged at prevailing market rates.

分部經營成果	<b>SEGMENT RESULTS</b>	2,572,874	437,991	(60,962)	316,106	399,498	-	3,665,507
未能分攤總部費用	Unallocated corporate expenses							(2,535,378)
財務支出	Finance costs							(180,381)
於聯營公司溢利	Share of results of associates							34,764
除稅前溢利	Profit before taxation							984,512
稅項	Income tax expense							(226,871)
本年度溢利	Profit for the year							757,641
<b>資產</b>	<b>ASSETS</b>							
分部資產	Segment assets	28,354,652	2,438,448	4,576,856	1,498,732	3,133,281		40,001,969
於聯營公司之權益	Interests in associates							179,079
未能分攤總部資產	Unallocated corporate assets							12,695,333
合併總資產	Consolidated total assets							52,876,381
<b>負債</b>	<b>LIABILITIES</b>							
分部負債	Segment liabilities	29,811,273	2,692,148	3,036,218	1,675,755	1,728,146		38,943,540
未能分攤總部負債	Unallocated corporate liabilities							3,715,579
合併總負債	Consolidated total liabilities							42,659,119
<b>其他資料</b>	<b>OTHER INFORMATION</b>							
資本性支出	Capital additions	563,920	99,329	8,094	16,245	171,914	-	859,502
物業、廠房及 設備折舊	Depreciation of property, plant and equipment	271,128	43,687	10,329	13,135	36,310	-	374,589
投資物業折舊	Depreciation of investment properties	-	-	-	-	16,060	-	16,060
專利權攤銷	Amortisation of patents	17,813	218	-	1,288	2,704	-	22,023
預付土地租賃款攤銷	Amortisation of prepaid lease payments	8,490	1,296	40	385	496	-	10,707
呆壞賬準備	Allowances for bad and doubtful debts	390,798	46,730	35,622	22,218	53,506	-	548,874

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 6. 業務和地區分部(續)

2008年

#### 6. BUSINESS AND GEOGRAPHICAL SEGMENTS (continued)

2008

		火電 主機設備 Main thermal power equipment 人民幣千元 Rmb'000	水電 主機設備 Main hydro power equipment 人民幣千元 Rmb'000	電站 工程服務 Engineering services for power stations 人民幣千元 Rmb'000	電站輔機 及配套 設備 Ancillary equipment for power stations 人民幣千元 Rmb'000	交直流 電機及其他 AC/DC motors and others 人民幣千元 Rmb'000	內部抵銷 Eliminations 人民幣千元 Rmb'000	合併 Consolidated 人民幣千元 Rmb'000
<b>主營業務收入</b>	<b>REVENUE</b>							
外部收入	External sales	20,493,133	2,863,250	3,446,168	1,161,006	1,939,987	-	29,903,544
分部收入	Inter-segment sales	1,201,875	-	-	-	-	(1,201,875)	-
總收入	Total revenue	21,695,008	2,863,250	3,446,168	1,161,006	1,939,987	(1,201,875)	29,903,544

分部間的銷售是以現行市場價格計算的。Inter-segment sales are charged at prevailing market rates.

<b>分部經營成果</b>	<b>SEGMENT RESULTS</b>	3,042,982	658,649	(346,162)	299,577	352,034	-	4,007,080
未能分攤總部費用	Unallocated corporate expenses							(2,258,695)
財務支出	Finance costs							(195,325)
於聯營公司溢利	Share of results of associates							23,320
金融衍生工具公允價值 減值	Loss on fair value change of foreign currency forward contracts							(3,133)
除稅前溢利	Profit before taxation							1,573,247
稅項	Income tax expense							(289,532)
本年度溢利	Profit for the year							1,283,715
<b>資產</b>	<b>ASSETS</b>							
分部資產	Segment assets	26,896,743	2,551,123	5,414,333	1,438,544	2,866,305		39,167,048
於聯營公司之權益	Interests in associates							150,536
未能分攤總部資產	Unallocated corporate assets							9,649,041
合併總資產	Consolidated total assets							48,966,625
<b>負債</b>	<b>LIABILITIES</b>							
分部負債	Segment liabilities	26,613,834	2,694,706	2,838,118	1,137,670	2,100,603		35,384,931
未能分攤總部負債	Unallocated corporate liabilities							4,013,769
合併總負債	Consolidated total liabilities							39,398,700
<b>其他資料</b>	<b>OTHER INFORMATION</b>							
資本性支出	Capital additions	1,184,707	176,905	12,303	26,213	71,718	-	1,471,846
物業、廠房及 設備折舊	Depreciation of property, plant and equipment	325,893	48,965	9,844	12,992	39,302	-	436,996
投資物業折舊	Depreciation of investment properties	-	-	-	-	16,222	-	16,222
專利權攤銷	Amortisation of patents	14,206	262	-	691	2,001	-	17,160
預付土地租賃攤銷	Amortisation of prepaid lease payments	7,252	1,559	41	324	534	-	9,710
呆壞賬準備	Allowances for bad and doubtful debts	183,383	32,442	(388)	10,610	39,464	-	265,511

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 6. 業務和地區分部(續)

#### 地區分部

本集團之主營業務收入主要來自於中華人民共和國(「中國」)境內，按地區分類如下：

境內	PRC
境外	Overseas
總收入	Total revenue

本集團之主要資產和負債位於中國境內。於二零零九年十二月三十一日及二零零八年十二月三十一日，位於境外的資產和負債少於集團總資產和總負債的10%。

### 6. BUSINESS AND GEOGRAPHICAL SEGMENTS (continued)

#### Geographical segments

The Group's operations are located mainly in the People's Republic of China ("PRC"). The following table provides an analysis of the Group's sales by geographical market, irrespective of the origin of the goods/services:

	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
境內	<b>24,303,858</b>	27,088,569
境外	<b>4,325,664</b>	2,814,975
總收入	<b>28,629,522</b>	29,903,544

The majority of the Group's assets and liabilities are located in the PRC. The assets and liabilities situated overseas account for less than 10% of the Group's assets and liabilities as at 31st December, 2009 and 2008.

### 7. 其他業務收入

其他業務收入包括如下：

股息收入	Dividend income
處置物業、廠房及設備收益	Gain on disposal of property, plant and equipment
處置投資物業收益	Gain on disposal of investment properties
處置預付土地租賃款收益	Gain on disposal of prepaid lease payments
政府補貼	Government subsidy
利息收入	Interest income
廢料銷售利潤	Profit from sale of scrap materials
物業、廠房及設備減值準備回撥	Reversal of impairment loss of property, plant and equipment
其他	Other income
總計	Total

### 7. OTHER INCOME

Included in other income are the following:

	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
股息收入	<b>1,298</b>	2,737
處置物業、廠房及設備收益	<b>7,805</b>	3,117
處置投資物業收益	<b>510</b>	-
處置預付土地租賃款收益	<b>8,437</b>	-
政府補貼	<b>252,253</b>	80,658
利息收入	<b>266,543</b>	237,545
廢料銷售利潤	<b>20,522</b>	23,279
物業、廠房及設備減值準備回撥	<b>1,714</b>	6,482
其他	<b>9,880</b>	37,442
總計	<b>568,962</b>	391,260

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 8. 財務支出

### 8. FINANCE COSTS

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
借款利息支出：	Interest on borrowings:		
— 須於五年內全部償還借款	— wholly repayable within five years	144,131	126,657
— 毋須於五年內全部償還借款	— not wholly repayable within five years	39,282	68,668
		<b>183,413</b>	195,325
減：已撥充資本之有關 在建工程利息支出	Less: Interest capitalised in construction in progress	<b>(3,032)</b>	—
		<b>180,381</b>	195,325

本年度資本化的借款費用乃由一般借貸項目產生，並以資本化率4.86%（二零零八年：無）轉至合資格資產內。

Borrowing costs capitalised during the year arose on the general borrowing pool and are calculated by applying a capitalisation rate of 4.86% (2008: Nil) to expenditure on qualifying assets.

### 9. 稅項

### 9. INCOME TAX EXPENSE

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
中國所得稅	PRC enterprise income tax		
— 本年度	— current year	239,022	351,325
— 過往年度撥備過剩	— overprovision in prior years	(12,056)	(15,061)
		<b>226,966</b>	336,264
本年遞延稅款（附註18）	Deferred tax (note 18)	<b>(95)</b>	(46,732)
		<b>226,871</b>	289,532



## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 9. 稅項(續)

於二零零八年十一月二十一日，本公司獲認可為高新技術企業之一。根據於二零零七年三月十六日頒佈的中國企業所得稅法，本公司於二零零八年一月一日起三年可獲15%的優惠稅率。

本集團除某些附屬公司應課稅收入按15%之稅率繳付所得稅以外，位於中國大陸的附屬公司須就其應課稅溢利按稅率25%（二零零八年：25%）繳納中國企業所得稅。

本年度稅務支出與綜合損益表內溢利之對照如下：

#### 9. INCOME TAX EXPENSE (continued)

On 21 November 2008, the Company was named as one of the High and New Technical Enterprise (高新技術企業). According to the PRC Law on Enterprise Income Tax promulgated on 16 March 2007, the Company is entitled to a concessionary rate of income tax at 15% over 3 years, beginning on 1 January 2008.

Except for certain subsidiaries which are subject to an enterprise income tax rate of 15%, other subsidiaries located in Mainland China are subject to the PRC corporate income tax at a rate of 25% (2008: 25%) on its assessable profits.

The tax charge for the year can be reconciled to the profit before taxation per the consolidated statement of comprehensive income as follows:

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
除稅前溢利	Profit before taxation	<b>984,512</b>	1,573,247
本集團按15%的稅率計算	Tax charge at the enterprise income tax rate of 15%	<b>147,677</b>	235,987
應佔聯營公司經營成果對稅務的影響	Tax effect of share of results of associates	<b>(5,215)</b>	(3,498)
因集團附屬公司按所得稅25%所增加之企業所得稅	Additional enterprise income tax in respect of the income tax rate of 25% for certain subsidiaries	<b>(34,974)</b>	5,987
在計算本年應課稅金額時不須課稅收入對稅務的影響	Tax effect of income not taxable for tax purpose	<b>(30,718)</b>	(59,654)
在計算本年應課稅金額時不可扣除支出對稅務的影響	Tax effect of expenses not deductible for tax purpose	<b>98,333</b>	41,998
因一家中國附屬公司獲稅務豁免影響	Effect of tax exemptions granted to a PRC subsidiary	<b>(39,962)</b>	(4,747)
使用以前年度未曾確認的稅項虧損的影響	Utilisation of tax losses not previous recognised	<b>(3,744)</b>	-
未確認稅項虧損	Tax effect of tax losses not recognized	<b>107,530</b>	88,520
過往年度之撥備過剩	Overprovision in respect of prior years	<b>(12,056)</b>	(15,061)
本年度稅務支出	Tax charge for the year	<b>226,871</b>	289,532

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 10. 本年度溢利

扣除費用後的溢利：

#### 10. PROFIT FOR THE YEAR

Profit for the year has been arrived at after charging:

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
員工成本(包括董事和監事的薪酬)(附註11)	Staff costs including directors' and supervisors' emoluments (note 11)	1,172,907	1,172,098
退休福利計劃	Retirement benefit scheme contributions	22,448	39,014
員工總成本	Total staff costs	<b>1,195,355</b>	1,211,112
呆壞賬準備	Allowance for bad and doubtful debts	548,874	265,511
存貨跌價準備	Allowance for inventories	30,776	52,519
專利權攤銷	Amortisation of patents	22,023	17,160
預付土地租賃款攤銷	Amortisation of prepaid lease payments	10,707	9,710
審計費	Auditors' remuneration	2,500	2,500
存貨成本	Cost of inventory sold	23,013,191	19,642,081
投資物業折舊	Depreciation for investment properties	16,060	16,222
物業、廠房及設備折舊	Depreciation for property, plant and equipment	374,589	436,996
金融衍生工具公允價值減值	Loss on fair value change of derivative financial instruments	-	3,133
出售金融衍生工具損失	Realised loss on disposal of derivative financial instruments	1,659	-
物業、廠房及設備減值確認	Impairment loss recognized in respect of property, plant and equipment	-	1,772
匯兌淨損失	Net foreign exchange loss	700	138,656
專利權撇銷	Patent written off	-	4,613
物業、廠房及設備撇銷	Property, plant and equipment written off	2,300	19,803
研究開發費用	Research and development expenses	463,633	472,192

# 財務報表附註(續)

## Notes to the Financial Statements (continued)

### 11. 董事及監事酬金

下表分別列示了15位董事和監事個人的薪酬情況：

### 11. DIRECTORS' AND SUPERVISORS' EMOLUMENTS

The emoluments paid or payable to each of the 15 directors and supervisors were as follows:

2009年		2009															
		*	*	*	*	*	**	**	**	**	**	***	***	***	***	***	
		宮晶堃	鄧磊	段洪義	高中福	吳偉章	孫昌基	李荷君	于瀚	賈成炳	劉登清	陳光	王志森	高旭光	盧春蓮	徐二明	2009合計
		Mr. Gong	Mr. Zou	Mr. Duan	Mr. Shang	Mr. Wu	Mr. Sun	Ms. Li	Mr. Yu	Mr. Jia	Mr. Liu	Mr. Chen	Mr. Wang	Mr. Gao	Ms. Lu	Mr. Xu	Total
		Jing-kun	Lei	Hong-Yi	Zhong-fu	Wei-zhang	Chang-ji	He-jun	Bo	Cheng-bing	Deng-qing	Guang	Zhi-sen	Xu-guang	Chun-lian	Er-ming	2009
		人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元
		Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000
酬金	Fees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
其他薪資	Other emoluments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
工資與	Salaries and	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
其他福利費	other benefits	-	-	-	464	519	-	-	-	-	-	151	-	129	234	-	1,497
退休福利計劃	Contributions to retirement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	benefits schemes	-	-	-	14	14	-	-	-	-	-	14	-	14	14	-	70
薪酬總額	Total emoluments	-	-	-	478	533	-	-	-	-	-	165	-	143	248	-	1,567
2008年		2008															
		*	*	*	*	*	**	**	**	**	**	***	***	***	***	***	
		宮晶堃	曲大庄	段洪義	高中福	吳偉章	姜魁	李荷君	周道炯	賈成炳	丁雪梅	郎思齊	楊旭	高旭光	盧春蓮	陳思	2008合計
		Mr. Gong	Mr. Qu	Mr. Duan	Mr. Shang	Mr. Wu	Mr.	Ms. Li	Mr. Zhou	Mr. Jia	Ms. Ding	Mr. Lang	Mr.	Mr. Gao	Ms. Lu	Mr.	Total
		Jing-kun	Da-zhuang	Hong-Yi	Zhong-fu	Wei-zhang	Jiang Kui	He-jun	Dao-jiong	Cheng-bing	Xue-mei	En-qj	Yang Xu	Xu-guang	Chun-lian	Chen Si	2008
		人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元
		Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000	Rmb'000
酬金	Fees	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
其他薪資	Other emoluments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
工資與	Salaries and	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
其他福利費	other benefits	-	554	-	490	406	-	-	-	-	-	-	148	131	199	-	1,928
退休福利計劃	Contributions to retirement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	benefits schemes	-	13	-	13	13	-	-	-	-	-	-	13	13	13	-	78
薪酬總額	Total emoluments	-	567	-	503	419	-	-	-	-	-	-	161	144	212	-	2,006

\* 集團執行董事

\*\* 集團的獨立非執行董事

\*\*\* 集團的監事

\* Being executive directors of the Group

\*\* Being independent non-executive directors of the Group

\*\*\* Being supervisors of the Group

這兩年無個別董事薪酬超過人民幣100萬元。

None of the directors received more than Rmb1,000,000 for any of these two years.

於二零零八年及二零零九年，本集團五位最高薪金之個別人士均為本公司之董事或監事，其酬金列示如上。

The five highest paid individuals in the Group in 2008 and 2009 were directors and supervisors of the Company and details of their emoluments are set out above.

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 12. 股息

### 12. DIVIDENDS

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
<p>末期已付二零零八年股息 每股人民幣0.075元 (二零零七年：人民幣0.091元)</p>	<p>Payment of 2008 final dividend of Rmb0.075 (2007: Rmb0.091) per share</p>	<b>103,260</b>	125,289

董事會建議本年每股派發股息人民幣0.068元(二零零八年：人民幣0.075元)，上述提議有待年度股東大會批准。

The final dividend for 2009 of Rmb0.068 (2008: Rmb0.075) per share has been proposed by the board of directors of the Company and is subject to approval by the shareholders in the forthcoming annual general meeting.

### 13. 每股盈利

### 13. EARNINGS PER SHARE

每股盈利乃按本年度溢利人民幣606,206,000元(二零零八年：人民幣1,041,837,000元)及全年加權平均之股份1,376,806,000(二零零八年：1,376,806,000股)計算。

The calculation of the earnings per share is based on the profit for the year of approximately Rmb606,206,000 (2008: Rmb1,041,837,000) and on the weighted average number of shares of 1,376,806,000 (2008: 1,376,806,000).

因無導致每股盈利稀釋之事項存在，故截至2009年12月31日及2008年12月31日止兩個年度經稀釋之每股盈利未作披露。

No diluting events existed as the Company did not have any potential shares for the two years or at each of the end of the reporting period. Accordingly, diluted earnings per share amounts for the two years ended 31st December 2009 and 2008 have not been disclosed.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 14. 物業、廠房及設備

##### 本集團

#### 14. PROPERTY, PLANT AND EQUIPMENT

##### THE GROUP

		房屋建築 Buildings 人民幣千元 Rmb'000	廠房設備 及機器 Plant and machinery 人民幣千元 Rmb'000	傢俬、 裝置及設備 Furniture, fixtures and equipment 人民幣千元 Rmb'000	運輸工具 Motor vehicles 人民幣千元 Rmb'000	在建工程 Construction- in-progress 人民幣千元 Rmb'000	總計 Total 人民幣千元 Rmb'000
<b>成本</b>		<b>COST</b>					
於二零零八年一月一日	At 1st January, 2008	1,312,274	2,872,264	292,188	234,075	785,293	5,496,094
添置	Additions	17,130	186,722	61,047	18,253	1,178,900	1,462,052
轉撥	Transfers	113,923	383,353	24,386	6,631	(528,293)	-
撤銷	Written off	-	(51,660)	(9,461)	(5,617)	(15,851)	(82,589)
處置	Disposals	(24,387)	(57,756)	(56,418)	(3,093)	-	(141,654)
於二零零九年一月一日	At 1st January, 2009	1,418,940	3,332,923	311,742	250,249	1,420,049	6,733,903
添置	Additions	11,232	60,020	31,197	35,527	709,332	847,308
轉撥	Transfers	377,232	634,204	13,648	12,346	(1,037,430)	-
撤銷	Written off	(3,423)	(25,673)	(9,250)	(7,369)	-	(45,715)
處置	Disposals	(4,558)	(16,530)	(4,348)	(8,700)	-	(34,136)
於二零零九年十二月三十一日	At 31st December, 2009	1,799,423	3,984,944	342,989	282,053	1,091,951	7,501,360
<b>累計折舊</b>		<b>DEPRECIATION</b>					
於二零零八年一月一日	At 1st January, 2008	529,392	1,794,975	157,554	147,825	10,300	2,640,046
本年度撥備	Charge for the year	89,377	290,974	35,296	21,349	-	436,996
減值準備	Impairment	-	663	-	1,109	-	1,772
減值準備回撥	Reversal of impairment	(161)	(407)	(79)	(3)	(5,832)	(6,482)
撤銷	Written off	-	(49,959)	(7,792)	(5,035)	-	(62,786)
處置的轉銷	Eliminated on disposals	(19,976)	(26,093)	(27,228)	(5,183)	-	(78,480)
於二零零九年一月一日	At 1st January, 2009	598,632	2,010,153	157,751	160,062	4,468	2,931,066
本年度撥備	Charge for the year	48,378	255,664	39,421	31,126	-	374,589
減值準備回撥	Reversal of impairment	(26)	(1,651)	(2)	(35)	-	(1,714)
撤銷	Written off	(2,458)	(24,975)	(9,014)	(6,968)	-	(43,415)
處置的轉銷	Eliminated on disposal	(305)	(8,868)	(4,300)	(6,947)	-	(20,420)
於二零零九年十二月三十一日	At 31st December, 2009	644,221	2,230,323	183,856	177,238	4,468	3,240,106
<b>賬面淨值</b>		<b>NET BOOK VALUE</b>					
於二零零九年十二月三十一日	At 31st December, 2009	1,155,202	1,754,621	159,133	104,815	1,087,483	4,261,254
於二零零八年十二月三十一日	At 31st December, 2008	820,308	1,322,770	153,991	90,187	1,415,581	3,802,837

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 14. 物業、廠房及設備(續)

本公司

#### 14. PROPERTY, PLANT AND EQUIPMENT (continued)

##### THE COMPANY

		房屋建築 Buildings	廠房設備 及機器 Plant and machinery	傢俬、 裝置及設備 Furniture, fixtures and equipment	運輸工具 Motor vehicles	在建工程 Construction- in-progress	總計 Total
		人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000
<b>成本</b>	<b>COST</b>						
於二零零八年一月一日	At 1st January, 2008	216,503	86,980	38,524	6,586	128,545	477,138
添置	Additions	9	-	370	595	618,207	619,181
轉撥	Transfer	6,147	9,885	2,113	-	(18,145)	-
撤銷	Written off	-	-	-	-	(1,536)	(1,536)
處置	Disposals	(15,869)	(86,981)	(17,125)	(480)	-	(120,455)
於二零零九年一月一日	At 1st January, 2009	206,790	9,884	23,882	6,701	727,071	974,328
添置	Additions	536	-	572	1,538	123,347	125,993
轉撥	Transfer	325,643	174,116	-	-	(499,759)	-
處置	Disposals	-	-	-	(1,423)	-	(1,423)
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>	<b>532,969</b>	<b>184,000</b>	<b>24,454</b>	<b>6,816</b>	<b>350,659</b>	<b>1,098,898</b>
<b>累計折舊</b>	<b>DEPRECIATION</b>						
於二零零八年一月一日	At 1st January, 2008	28,005	23,321	23,469	3,802	-	78,597
本年度撥備	Charge for the year	23,410	2,821	2,136	665	-	29,032
處置的轉銷	Eliminated on disposals	(15,922)	(23,688)	(20,892)	(381)	-	(60,883)
於二零零九年一月一日	At 1st January, 2009	35,493	2,454	4,713	4,086	-	46,746
本年度撥備	Charge for the year	11,627	764	840	613	-	13,844
處置的轉銷	Eliminated on disposals	-	-	-	(1,066)	-	(1,066)
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>	<b>47,120</b>	<b>3,218</b>	<b>5,553</b>	<b>3,633</b>	<b>-</b>	<b>59,524</b>
<b>賬面淨值</b>	<b>NET BOOK VALUE</b>						
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>	<b>485,849</b>	<b>180,782</b>	<b>18,901</b>	<b>3,183</b>	<b>350,659</b>	<b>1,039,374</b>
於二零零八年十二月三十一日	At 31st December, 2008	171,297	7,430	19,169	2,615	727,071	927,582

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 15. 投資物業

### 15. INVESTMENT PROPERTIES

本集團

THE GROUP

人民幣千元  
Rmb'000

<b>成本</b>	<b>COST</b>	
於二零零八年一月一日	At 1st January, 2008	
及二零零九年一月一日	and 1st January, 2009	342,540
處置	Disposal	(7,680)
<b>於二零零九年十二月三十一日</b>	<b>At 31st December, 2009</b>	<b>334,860</b>
<b>累計折舊及撥備</b>	<b>DEPRECIATION AND IMPAIRMENT</b>	
於二零零八年一月一日	At 1st January, 2008	54,935
本年度撥備	Charge for the year	16,222
於二零零九年一月一日	At 1st January, 2009	71,157
本年度撥備	Charge for the year	16,060
處置的轉銷	Eliminated on disposal	(1,081)
<b>於二零零九年十二月三十一日</b>	<b>At 31st December, 2009</b>	<b>86,136</b>
<b>賬面淨值</b>	<b>CARRYING AMOUNT</b>	
<b>於二零零九年十二月三十一日</b>	<b>At 31st December, 2009</b>	<b>248,724</b>
於二零零八年十二月三十一日	At 31st December, 2008	271,383

董事會認為本集團投資物業之賬面淨值接近於它們的公允價值。

The directors consider that the carrying amounts approximate their fair value.

上述投資物業均以5%的比例直線攤銷。

The above investment properties are depreciated on a straight-line basis at rate of 5%.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 15. 投資物業(續)

以上投資物業的賬面淨值包括：

#### 15. INVESTMENT PROPERTIES (continued)

The carrying amount of investment properties shown above comprises:

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
在中國持有：	Land in the PRC:		
中期租約	Medium-term lease	230,729	252,236
短期租約	Short-term lease	17,995	19,147
		<b>248,724</b>	<b>271,383</b>

#### 16. 預付土地租賃款

本集團

#### 16. PREPAID LEASE PAYMENTS

THE GROUP

人民幣千元  
Rmb'000

成本	COST	
於二零零八年一月一日	At 1st January, 2008	
及二零零九年一月一日	and 1st January, 2009	488,269
添置	Additions	5,513
處置	Disposal	(3,247)
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>	<b>490,535</b>
累計攤銷	ACCUMULATED AMORTISATION	
於二零零八年一月一日	At 1st January, 2008	118,411
本年度攤銷	Amortise for the year	9,710
於二零零九年一月一日	At 1st January, 2009	128,121
本年度攤銷	Amortise for the year	10,707
處置的轉銷	Eliminated on disposal	(487)
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>	<b>138,341</b>
賬面淨值	NET BOOK VALUE	
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>	<b>352,194</b>
於二零零八年十二月三十一日	At 31st December, 2008	360,148



## 財務報表附註(續) Notes to the Financial Statements (continued)

### 16. 預付土地租賃款(續)

本集團的預付土地租賃款為中華人民共和國境內的土地使用權。預付土地租賃款根據報告使用需要分析如下：

### 16. PREPAID LEASE PAYMENTS (continued)

The Group's prepaid lease payments represent medium-term land use rights in the PRC. They are analysed for reporting purpose as follows:

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
流動部分	Current portion	10,176	9,710
非流動部分	Non-current portion	342,018	350,438
		<b>352,194</b>	360,148

本公司

THE COMPANY

人民幣千元  
Rmb'000

成本	COST		
二零零八年一月一日	At 1st January, 2008		
及二零零九年一月一日	and 1st January, 2009		38,809
添置	Additions		4,982
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>		<b>43,791</b>
累計攤銷	ACCUMULATED AMORTISATION		
於二零零八年一月一日	At 1st January, 2008		2,507
本年度攤銷	Amortise for the year		755
於二零零九年一月一日	At 1st January, 2009		3,262
本年度攤銷	Amortise for the year		1,253
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>		<b>4,515</b>
賬面淨值	NET BOOK VALUE		
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>		<b>39,276</b>
於二零零八年十二月三十一日	At 31st December, 2008		35,547

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 16. 預付土地租賃款(續)

本公司的預付土地租賃款為中華人民共和國境內的土地使用權。預付土地租賃款根據報告使用需要分析如下：

#### 16. PREPAID LEASE PAYMENTS (continued)

The Company's prepaid lease payments represent medium-term land use rights in the PRC. They are analysed for reporting purpose as follows:

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
流動部分	Current portion	1,252	754
非流動部分	Non-current portion	38,024	34,793
		<b>39,276</b>	<b>35,547</b>

#### 17. 專利權

本集團

#### 17. PATENTS

THE GROUP

		人民幣千元 Rmb'000
<b>成本</b>	<b>COST</b>	
於二零零八年一月一日	At 1st January, 2008	224,821
添置	Additions	9,794
撇銷	Written off	(16,315)
於二零零九年一月一日	At 1st January, 2009	218,300
添置	Additions	6,681
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>	<b>224,981</b>
<b>攤銷及減值</b>	<b>AMORTISATION AND IMPAIRMENT</b>	
於二零零八年一月一日	At 1st January, 2008	98,619
本年度攤銷	Amortise for the year	17,160
撇銷	Written off	(11,702)
二零零九年一月一日	At 1st January, 2009	104,077
本年度攤銷	Amortise for the year	22,023
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>	<b>126,100</b>
<b>賬面淨值</b>	<b>CARRYING AMOUNT</b>	
於二零零九年十二月三十一日	<b>At 31st December, 2009</b>	<b>98,881</b>
於二零零八年十二月三十一日	At 31st December, 2008	114,223

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 17. 專利權(續)

該專利權攤銷已包括在綜合損益表之管理費用。

該專權利的使用期限為3至10年並且按直線法在使用年限內攤銷。

### 18. 遞延稅項資產

年內主要遞延稅務情況如下：

### 17. PATENTS (continued)

The amortisation expense has been included in "administrative expenses" in the consolidated statement of comprehensive income.

The above patents have definite useful lives and are amortised on a straight-line basis over 3 to 10 years.

### 18. DEFERRED TAX ASSETS

The following are the major deferred tax balances recognised and movements thereon during the year:

		應收帳款， 其他應收款及 存貨之減值準備 Impairment of trade and other debtors, and inventories	預計負債 Provisions	其他 Others	合計 Total
		人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000
於二零零八年一月一日	At 1st January, 2008	62,251	18,854	6,000	87,105
轉到綜合損益表	Credit to consolidated income statement	43,843	2,524	365	46,732
於二零零九年一月一日	At 1st January, 2009	106,094	21,378	6,365	133,837
轉到綜合損益表	Charge to consolidated income statement	(5,324)	9,197	(3,778)	95
於二零零九年 十二月三十一日	At 31st December 2009	100,770	30,575	2,587	133,932

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 19. 於附屬公司之權益

本公司

		2009	2008
		人民幣千元	人民幣千元
		Rmb'000	Rmb'000
投資成本	Investment, at cost		
中國非上市附屬公司	Unlisted in the PRC	<b>2,413,428</b>	2,413,428
應收附屬公司款項	Amounts due from subsidiaries	<b>2,347,455</b>	1,347,351
應付附屬公司款項	Amounts due to subsidiaries	<b>(310,674)</b>	(184,866)
		<b>4,450,209</b>	3,575,913

此筆款項乃無抵押及免息，並沒有固定還款期。

The amounts due are unsecured, non-interest bearing and are repayable on demand.

附屬公司之詳細資料詳述於附註44。

Details of subsidiaries are set out in note 44 to the financial statements.

#### 20. 於聯營公司之權益

		本集團		本公司	
		THE GROUP		THE COMPANY	
		2009	2008	2009	2008
		人民幣千元	人民幣千元	人民幣千元	人民幣千元
		Rmb'000	Rmb'000	Rmb'000	Rmb'000
中國非上市聯營公司	Cost of investment in associates				
投資成本	unlisted in the PRC	<b>95,555</b>	95,555	<b>25,422</b>	25,422
應佔購入後收益	Share of post-acquisition profits,				
(減已收股利後)	net of dividend received	<b>81,878</b>	53,342	<b>59,683</b>	34,662
應收聯營公司款項	Amounts due from associates	<b>1,646</b>	1,639	-	-
		<b>179,079</b>	150,536	<b>85,105</b>	60,084

此筆款項乃無抵押及免息，並沒有固定還款期。

The amounts due are unsecured, non-interest bearing and with no fixed terms of repayment.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 20. 於聯營公司之權益(續)

於2009年12月31日，本集團聯營公司之詳情如下：

#### 20. INTERESTS IN ASSOCIATES (continued)

As at 31st December, 2009, the Group had interests in the following associates:

公司名稱 Name of entity	公司類型 Form of business structure	公司註冊國家/ 註冊地 Country of incorporation/ Place/ registration	主要經營地 Principal place of operation	本公司持有 已發行股本 股票類型 Class of Share held	面值之比率 Proportion of nominal value of issued capital/ registered capital held by the Group	持有表決權 Proportion of voting power held	主要經營活動 Principal activity
通用電氣－哈動能源服務(秦皇島)有限責任公司	設立 Established	中華人民共和國 PRC	中華人民共和國 PRC	普通股 Ordinary	41%	41%	為鍋爐廠、汽輪機廠及電機廠提供維修、安裝及現場服務 Provision of maintenance, installation and on-site services to owners of turbines, boilers and electricity generators
葫蘆島濱海水電大件製造有限責任公司	設立 Established	中華人民共和國 PRC	中華人民共和國 PRC	普通股 Ordinary	50%	50%	生產電站設備 Manufacture of electrical equipments
哈爾濱鍋爐容器工程有限公司	設立 Established	中華人民共和國 PRC	中華人民共和國 PRC	普通股 Ordinary	27.28%	27.28%	為鍋爐生產提供質量保證服務 Provision of quality control services for boilers manufacturing
哈爾濱利源礦泉飲品有限公司	設立 Established	中華人民共和國 PRC	中華人民共和國 PRC	普通股 Ordinary	44.56%	44.56%	生產及銷售礦泉飲料 Manufacture & sale of mineral beverages
哈爾濱日立電力設備新技術開發有限公司	設立 Established	中華人民共和國 PRC	中華人民共和國 PRC	普通股 Ordinary	43.69%	43.69%	開發電力設備技術 Development of power equipment technology
哈爾濱市哈電加油站有限公司	設立 Established	中華人民共和國 PRC	中華人民共和國 PRC	普通股 Ordinary	43.69%	43.69%	加油站服務 Provision of petrol station services
哈爾濱斯柯達哈電機床新技術開發公司	設立 Established	中華人民共和國 PRC	中華人民共和國 PRC	普通股 Ordinary	43.69%	43.69%	開發電機床新技術 Development of new technology on power machine tools
哈爾濱哈電多能水電開發有限責任公司	設立 Established	中華人民共和國 PRC	中華人民共和國 PRC	普通股 Ordinary	41.72%	41.72%	水力發電 Hydropower generation
哈爾濱匯通電力工程有限公司	設立 Established	中華人民共和國 PRC	中華人民共和國 PRC	普通股 Ordinary	33.50%	33.50%	電力工程 Provision of power engineering
哈爾濱國際旅行社	設立 Established	中華人民共和國 PRC	中華人民共和國 PRC	普通股 Ordinary	30%	30%	旅遊服務 Provision of traveling services

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 20. 於聯營公司之權益(續)

本集團之聯營公司之財務資料撮要如下：

### 20. INTERESTS IN ASSOCIATES (continued)

The summarised financial information in respect of the Group's associates is set out below:

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
總資產	Total assets	<b>712,129</b>	741,288
總負債	Total liabilities	<b>(289,174)</b>	(392,263)
淨資產	Net assets	<b>422,955</b>	349,025
本集團佔聯營公司淨資產	Group's share of net assets of associates	<b>177,433</b>	148,897
收入	Revenue	<b>447,244</b>	545,762
本年度溢利	Profit for the year	<b>88,226</b>	61,563
本年集團從聯營公司 獲取的溢利	Group's share of results of associates for the year	<b>34,764</b>	23,320

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 21. 待銷售性投資

待銷售性投資的組成：

#### 21. AVAILABLE-FOR-SALE INVESTMENTS

Available-for-sale investments comprise:

		本集團 THE GROUP		本公司 THE COMPANY	
		2009	2008	2009	2008
		人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000
中國非上市證券投資	Unlisted equity securities in the PRC,				
— 投資成本減去減值準備	at cost less impairment	<b>27,074</b>	27,074	<b>17,879</b>	17,879

非上市證券投資是指在由中國成立的非上市公司發行的股票證券。在每個報告周期末，按成本減減值準備後的淨值估算，原因是本公司董事認為其公允值不能準確計量。

The unlisted equity investments represented investments in unlisted equity securities issued by private entities incorporated in the PRC. They are measured at cost less impairment at each end of reporting period because the range of reasonable fair value estimates is so wide that the directors of the Company are of the opinion that their fair values cannot be measured reliably.

#### 22. 存貨

#### 22. INVENTORIES

		本集團 THE GROUP		本公司 THE COMPANY	
		2009	2008	2009	2008
		人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000	人民幣千元 Rmb'000
原材料	Raw materials	<b>4,383,398</b>	5,035,414	<b>747</b>	2,046
在製品	Work in progress	<b>9,020,256</b>	6,974,897	<b>594,004</b>	433,119
製成品	Finished goods	<b>473,476</b>	507,717	—	—
用於銷售之房地產開發成本	Properties under development for sale	<b>167,025</b>	315,605	—	—
用於銷售之房地產開發產品	Completed properties held for sale	<b>186,005</b>	107,585	—	—
		<b>14,230,160</b>	12,941,218	<b>594,751</b>	435,165

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 23. 應收賬款／應收票據／其他應收款／按金及預付款項

給予客戶之信貸期各不相同，一般按個別客戶之財政情況而定。為了有效管理與應收賬款相關之信貸風險，本集團定期評估客戶信用。

#### 23. TRADE DEBTORS/BILLS RECEIVABLE/OTHER DEBTORS, DEPOSITS AND PREPAYMENTS

The credit terms given to the customers vary and are generally based on the financial strengths of individual customers. In order to effectively manage the credit risks associated with trade debtors, credit evaluations of customers are performed periodically.

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
應收賬款	Trade debtors	<b>13,790,913</b>	13,428,014
減: 減值撥備	Less: Allowance for doubtful debts	<b>(1,621,932)</b>	(1,073,788)
		<b>12,168,981</b>	12,354,226
應收票據	Bills receivables	<b>600,844</b>	361,324
其他應收款 按金及預付款項	Other debtors, deposits and prepayments	<b>4,852,058</b>	6,537,067
		<b>17,621,883</b>	19,252,617

於結算日已計提減值準備的應收賬款之賬齡分析如下：

The following is an aged analysis of trade debtors net of allowance for doubtful debts at the balance sheet date:

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
1年內	Within 1 year	<b>5,506,511</b>	8,554,404
1年至2年	1 to 2 years	<b>4,816,263</b>	2,391,479
2年至3年	2 to 3 years	<b>1,147,185</b>	1,119,172
3年以上	Over 3 years	<b>699,022</b>	289,171
		<b>12,168,981</b>	12,354,226



## 財務報表附註(續) Notes to the Financial Statements (continued)

### 23. 應收賬款／應收票據／其他應收款／按金及預付款項(續)

應收賬款減值撥備的變動如下：

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
年初結餘	Balance at beginning of the year	1,073,788	824,709
應收賬款減值虧損確認	Impairment losses recognized on receivables	549,063	260,978
因無法收回而撤銷的金額	Amounts written off as uncollectible	(919)	(11,899)
年末結餘	Balance at end of the year	1,621,932	1,073,788

二零零八年十二月三十一日和二零零九年十二月三十一日集團應收賬款和其他應收款的公允價值接近於相應的賬面價值。

### 23. TRADE DEBTORS/BILLS RECEIVABLE/OTHER DEBTORS, DEPOSITS AND PREPAYMENTS (continued)

Movement in allowance for doubtful debts of trade debtors:

The fair value of the Group's trade debtors and other debtors at 31st December, 2009 and 2008 approximates to the corresponding carrying amount.

### 24. 建造合同應收／(應付)款

### 24. AMOUNTS DUE FROM/(TO) CUSTOMERS FOR CONTRACT WORK

		本集團 THE GROUP	
		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
於結算日的建造合同：	Contracts in progress at the balance sheet date:		
迄今成本	Contract costs incurred	10,909,986	9,489,378
應佔溢利扣除可預見 收益／(虧損)	Recognised profits less recognized losses	175,949	(40,957)
		11,085,935	9,448,421
減：已收及應收工程進度款項	Less: Progress billings	(10,648,573)	(9,159,498)
		437,362	288,923
其中：	Represented by:		
建造合同應收款	Amounts due from customers included in current assets	947,326	1,045,979
建造合同應付款	Amounts due to customers included in current liabilities	(509,964)	(757,056)
		437,362	288,923

截至二零零八年十二月三十一日和二零零九年十二月三十一日止，並無未付足的建造合同工程款。

As at 31st December, 2009 and 2008, there were no retentions held by customers for contract works.

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 25. 應收/(付)同系附屬公司

#### 本集團

此款項為無抵押，不計息，且無固定還款期限。二零零九年十二月三十一日和二零零八年十二月三十一日的公允價值接近於相應的賬價值。

### 26. 銀行存款、現金和現金等價物

銀行結存及現金	Cash and bank balances
3個月內到期的定期存款	Time deposits, matured within 3 months
3個月以後到期的定期存款	Bank deposits, matured over 3 months

截止於二零零九年十二月三十一日止共人民幣13,499,338,000元(2008年：人民幣9,671,726,000元)均存於中華人民共和國的銀行，這些人民幣兌換成外幣均遵循中國政府公佈的外匯控制法律法規。

於二零零九年十二月三十一日有效的銀行存款利率加權平均值為0.87%(2008年：1.10%)。

董事會認為賬面價值接近它們的公允價值。

### 25. AMOUNTS DUE FROM/(TO) FELLOW SUBSIDIARIES

#### THE GROUP

The amounts are unsecured, non-interest bearing and are repayable on demand. The fair value of the amounts at 31st December, 2009 and 2008 approximates to the corresponding carrying amount.

### 26. BANK DEPOSITS AND CASH AND CASH EQUIVALENTS

		本集團 THE GROUP		本公司 THE COMPANY	
		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
銀行結存及現金	Cash and bank balances	9,286,037	6,827,252	929,068	453,387
3個月內到期的定期存款	Time deposits, matured within 3 months	1,326,099	394,424	50,000	—
		<b>10,612,136</b>	7,221,676	<b>979,068</b>	453,387
3個月以後到期的定期存款	Bank deposits, matured over 3 months	3,553,595	3,079,921	—	56,254

As at 31st December, 2009, a total of Rmb13,499,338,000 (2008: Rmb9,671,726,000) were denominated in Renminbi and deposited with banks in the PRC. The conversion of these Renminbi denominated balances into foreign currencies is subject to the rules and regulations of foreign exchange control promulgated by the PRC government.

The weighted average effective interest rates on bank deposits as at 31st December, 2009 were 0.87% (2008: 1.10%).

The directors consider that the carrying amounts approximate their fair value.

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 27. 應付賬款/其他應付款及應計費用

### 27. TRADE CREDITORS/OTHER CREDITORS AND ACCRUED CHARGES

		本集團 THE GROUP		本公司 THE COMPANY	
		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
應付賬款	Trade creditors	10,166,545	7,715,110	312,345	272,010
其他應付款及應計費用	Other creditors and accrued charges	3,173,130	2,055,636	232,609	136,355
		<b>13,339,675</b>	9,770,746	<b>544,954</b>	408,365

於結算日應付賬款之賬齡分析如下：

An aged analysis of trade creditors at the end of the reporting period is as follows:

		本集團 THE GROUP	
		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
1年內	Within 1 year	6,941,123	7,039,443
1年至2年	1 to 2 years	2,877,157	470,791
2年至3年	2 to 3 years	267,834	67,951
3年以上	Over 3 years	80,431	136,925
		<b>10,166,545</b>	7,715,110

於二零零九年十二月三十一日及二零零八年十二月三十一日，應付賬款、其他應付款及應計費用賬面價值接近它們的公允價值。

The fair value of the Group's trade creditors, other creditors and accrued charges at 31st December, 2009 and 2008 approximates to the corresponding carrying amount.

# 財務報表附註(續)

## Notes to the Financial Statements (continued)

### 28. 已收按金

#### 本集團

已收按金為在建中合約工程向顧客已收取之進度款項。已收按金中，約有人民幣 8,118,370,000 元（2008：人民幣 5,059,506,000 元）為於結算日後十二個月才開始動工之合約按金，故歸入非流動負債。而其餘部份則為於結算日後十二個月內開始動工的在建工程按金，故歸入流動負債。已收按金將會用作抵銷基於完工的合同價。

二零零九年十二月三十一日和二零零八年十二月三十一日的公允價值接近於相應的賬面價值。

### 29. 金融衍生工具

外幣遠期合約

Foreign currency forward contracts

於二零零九年十二月三十一日，本集團沒有重要的遠期外匯合約。

### 28. DEPOSITS RECEIVED

#### THE GROUP

The amount represents the progress payments received from customers in respect of work in progress. Included in deposits received of approximately Rmb8,118,370,000 (2008: Rmb5,059,506,000) were the progress payments received in respect of contract works to be commenced twelve months from the end of the reporting period and were classified in the statement of financial position as non-current. The remaining balance represents deposit received for contract works to be commenced within one year and were classified as current liabilities. The deposits received will be used to set-off the contract price upon the completion of contract works.

The fair value of the amount at 31st December, 2009 and 2008 approximates to the corresponding carrying amount.

### 29. DERIVATIVE FINANCIAL INSTRUMENTS

本集團

#### THE GROUP

2009	2008
人民幣千元 Rmb'000	人民幣千元 Rmb'000
-	3,133

At 31st December, 2009, the Group had no outstanding foreign currency forward contract.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 30. 欠控股公司款項

##### 本集團

##### 短期

欠控股公司款項結餘為不計息之款項，為人民幣20,478,000元(二零零八年：人民幣13,470,000元)。此款項為無抵押且還款期限為一年內。二零零九年十二月三十一日和二零零八年十二月三十一日的公允價值接近於相應的賬面價值。

##### 長期

欠控股公司款項結餘包括不計息及計息之貸款，分別為人民幣442,450,000元(二零零八年：無)及人民幣371,570,000元(二零零八年：人民幣306,720,000元)。實際年率為4.78厘(二零零八年：6.72厘)。此欠款將無固定還款條件。在報告周期末後的十二個月內，不會被要求歸還此款項。因此被歸納為長期負債。二零零九年十二月三十一日和二零零八年十二月三十一的公允價值接近於賬面價值。

#### 30. ADVANCE FROM HOLDING COMPANY

##### THE GROUP

##### Current

The balances of the advance from holding company is non-interest-bearing, amounting to Rmb20,478,000 (2008: Rmb13,470,000). The amount is unsecured and repayable within one year. The fair value of the amount at 31st December, 2009 and 2008 is approximate to the corresponding carrying amount.

##### Non-current

The balances of the advance from holding company comprises of non interest-bearing and interest-bearing loans amounting to Rmb442,450,000 (2008: Nil) and Rmb371,570,000 (2008: Rmb306,720,000) respectively with effective interest rate of 4.78% (2008: 6.72%) per annum and have no fixed repayment term. The amount will not be demanded for repayment in the next twelve months of the end of the reporting period and, accordingly, the amounts have been classified as non-current liabilities. Their fair value at 31st December, 2009 and 2008 approximates to their carrying value.

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 31. 借款

### 31. BORROWINGS

		本集團		本公司	
		THE GROUP		THE COMPANY	
		2009	2008	2009	2008
		人民幣千元	人民幣千元	人民幣千元	人民幣千元
		Rmb'000	Rmb'000	Rmb'000	Rmb'000
銀行借款	Bank loans	3,703,735	4,190,179	-	97,500
其他借款	Other loans	291,943	215,639	33,784	32,784
		<b>3,995,678</b>	4,405,818	<b>33,784</b>	130,284
擔保	Secured	3,708,535	4,089,725	-	-
非擔保	Unsecured	287,143	316,093	33,784	130,284
		<b>3,995,678</b>	4,405,818	<b>33,784</b>	130,284
借款還款情況如下：	The borrowings are repayable as follows:				
一年內	Within one year	1,288,579	870,704	-	97,500
一至五年	More than one year but not more than five years	1,880,570	2,342,952	-	-
五年以上	Over five years	826,529	1,192,162	33,784	32,784
		<b>3,995,678</b>	4,405,818	<b>33,784</b>	130,284
減：一年內到期的短期負債	Less: Amounts due within one year classified as current liabilities	<b>(1,288,579)</b>	(870,704)	-	(97,500)
		<b>2,707,099</b>	3,535,114	<b>33,784</b>	32,784

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 31. 借款(續)

銀行貸款的賬面金額以下列貨幣為單位：

### 31. BORROWINGS (continued)

The carrying amount of the bank loans are denominated in the following currencies:

		本集團 THE GROUP		本公司 THE COMPANY	
		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000	2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
人民幣	Rmb	<b>3,067,043</b>	3,489,982	<b>33,784</b>	130,284
美元(折人民幣)	USD	<b>928,635</b>	915,836	-	-
		<b>3,995,678</b>	4,405,818	<b>33,784</b>	130,284

兩年內所有的集團借款利率在3.51%至6.72%中浮動。合同利率與實際利率相同。

All of the Group's borrowings carrying at rates ranging from 3.51% to 6.72% at both years. The contracted interest rates are equal to the effective interest rates.

於二零零九年十二月三十一日，哈爾濱電氣集團公司(「哈電集團公司」)並無對本集團的銀行借款作擔保(二零零八年：無)。

At 31st December, 2009, none of the Group's bank borrowings are guaranteed by Harbin Electric Corporation ("HE") (2008: Nil).

董事會認為賬面價值接近於它們的公允價值。

The directors consider that the carrying amounts of the borrowings approximate their fair value.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 32. 應交税金

#### 32. TAX PAYABLES

		本集團		本公司	
		THE GROUP		THE COMPANY	
		2009	2008	2009	2008
		人民幣千元	人民幣千元	人民幣千元	人民幣千元
		Rmb'000	Rmb'000	Rmb'000	Rmb'000
增值稅	Value added tax	195,702	(44,714)	(39,728)	(21,784)
企業所得稅	Enterprise income tax	298,577	381,705	33,183	44,758
營業稅	Business tax	32,048	(4,315)	21,948	1,414
其他	Others	65,986	42,915	2,118	2,040
應交税金	Tax payables	<b>592,313</b>	375,591	<b>17,521</b>	26,428

#### 33. 股本

#### 33. SHARE CAPITAL

		2009	2008
		人民幣千元	人民幣千元
		Rmb'000	Rmb'000
已註冊、已發行及繳足：	Registered, issued and fully paid:		
國有法人股每股	State owned equity interest shares of		
面值人民幣1元	Rmb1 each	701,235	701,235
H股每股面值人民幣1元	H Shares of Rmb1 each	675,571	675,571
		<b>1,376,806</b>	1,376,806

除股利支付的幣種不同以及對中國境內和境外資者的限制不同外，國有法人股和H股在其他權益方面均相同。

Except for the currency in which dividends are paid and restrictions as to whether the shareholders can be PRC investors or foreign investors, state owned equity interest shares and H shares rank pari passu in all respects with each other.



## 財務報表附註(續) Notes to the Financial Statements (continued)

### 34. 儲備

#### 本集團

本集團本年度及上年度儲備的結餘及變動情況見財務報表第65頁之綜合權益變動表。

#### 本公司

### 34. RESERVES

#### THE GROUP

The amounts of the Group's reserves and the movements therein for the current and prior years are presented in the consolidated statement of changes in equity on page 65 of the financial statements.

#### THE COMPANY

		股本溢價 Share premium 人民幣千元 Rmb'000	資本儲備 Statutory capital reserve 人民幣千元 Rmb'000	法定盈餘 公積金 Statutory surplus reserve 人民幣千元 Rmb'000	保留溢利 Retained profits 人民幣千元 Rmb'000	總計權益 Total 人民幣千元 Rmb'000
於二零零八年一月一日	At 1st January, 2008	1,980,295	709,849	365,542	291,141	3,346,827
本年度綜合收入總額	Total comprehensive income for the year	-	-	-	284,132	284,132
轉撥	Transfer to reserves	-	-	28,413	(28,413)	-
股息	Dividends	-	-	-	(125,289)	(125,289)
於二零零九年一月一日	At 1st January, 2009	1,980,295	709,849	393,955	421,571	3,505,670
本年度綜合收入總額	Total comprehensive income for the year	-	-	-	125,310	125,310
轉撥	Transfer to reserves	-	-	12,531	(12,531)	-
股息	Dividends	-	-	-	(103,260)	(103,260)
於二零零九年十二月三十一日	At 31st December 2009	<b>1,980,295</b>	<b>709,849</b>	<b>406,486</b>	<b>431,090</b>	<b>3,527,720</b>

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 35. 或有負債

### 35. CONTINGENT LIABILITIES

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
附屬公司為外部第三方的 銀行融資提供擔保	Guarantee given to banks and financial institutions in respect of general banking facilities granted to external parties	<b>5,000</b>	14,119

### 36. 經營租賃

### 36. OPERATING LEASES

#### 集團作為出租人

年內物業租賃收入約為人民幣40,801,000元(二零零八年:人民幣35,848,000元)。本集團以出租為目的所持有的物業所產生的租賃收入估算每年持續增長16%。一切所持有的物業均有承租人允諾租賃1至20年。

截止到報告期末日,本集團和承租人定合約規定將來最低的可收租金:

#### The Group as lessor

Property rental income earned during the year was approximately Rmb40,801,000 (2008: Rmb35,848,000). The Group's properties held for rental purposes are expected to generate rental yields of 16% on an ongoing basis. All of the properties held have committed tenants ranging from 1 to 20 years.

At the end of the reporting period, the Group had contracted with tenants for the following future minimum lease receivables:

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
一年內	Within one year	45,130	39,998
一至五年	In the second to fifth year inclusive	149,913	143,074
五年後	After five years	270,400	128,425
		<b>465,443</b>	311,497

於二零零九年十二月三十一日和二零零八年十二月三十一日,本集團均無經營租賃承擔。

At 31st December, 2009 and 2008, the Group had no commitments under operating leases.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 37. 資本承擔

#### 37. CAPITAL COMMITMENTS

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
購買物業、廠房及設備 的資本支出 — 已簽約但未於 財務報表中撥備	Capital expenditure for the acquisition of property, plant and equipment – contracted for but not provided in the financial statements	<b>414,039</b>	315,838

#### 38. 資產抵押

#### 38. PLEDGE OF ASSETS

於二零零九年十二月三十一日，本集團抵押若干資產作為所獲一般銀行融資之擔保。該等資產之賬面值如下：

At 31st December, 2009, the Group pledged certain assets with the following carrying values to secure the banking facilities granted to the Group:

- (i) 投資物業為人民幣170,442,000元(二零零八年：人民幣245,814,000元)。
- (ii) 銀行存款為人民幣526,229,000元(二零零八年：人民幣484,255,000元)。
- (iii) 預付土地租賃款為人民幣34,210,000元(二零零八年：無)。

- (i) investment properties of Rmb170,442,000 (2008: Rmb245,814,000).
- (ii) bank deposits of Rmb526,229,000 (2008: Rmb484,255,000).
- (iii) prepaid lease payments of Rmb34,210,000 (2008: Nil)

#### 39. 退休福利計劃

#### 39. RETIREMENT BENEFIT SCHEME

根據一九九六年頒發的規定，本集團應按要求提撥及繳付予哈爾濱市社會保險事業管理局監管的退休養老基金。本集團按現有職工基本工資的22%繳付退休養老基金，職工按其基本工資的8%繳付。除按上述要求每年按期提撥退休養老基金外，在過渡期內，本集團還要按規定支付部分退休金及退休福利支出責任；在過渡期內，是按退休員工每月基本工資及服務年限計算，並分別由哈爾濱市社會保險事業管理局及本集團支付給退休員工；在過渡期後，是按個人賬戶儲存額每月應付金額計算，並由哈爾濱市社會保險事業管理局支付給退休員工，並且過渡期後，本集團將無重大的退休金及退休福利支出責任。

In accordance with regulations issued by the local government in 1996, the Group is required to make contributions to a defined contribution retirement fund which is administered by the Harbin Social Insurance Administration Bureau of the local government. The Group is required to contribute 22% of the basic salary of its existing PRC staff, while employees contribute 8% of their basic salary. Apart from the above, the Group is also obliged to pay pensions and retirement benefits during the transition period. During the transition period, pension payments are calculated by reference to the staff's monthly basic salaries and period of service and are paid by the Harbin Social Insurance Administration Bureau and the Group. After the transition period, pension payments will be paid by the Harbin Social Insurance Administration Bureau only by reference to the payable amount of individual saving account and the Group has no material obligation for the pension payments or any post-retirement benefits beyond the annual contributions described above.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 40. 關聯人士交易

##### (i) 與控股公司和同系附屬公司的交易／結存

根據和哈電集團簽署之協議，本集團付予哈電集團及其附屬公司及向其收取之服務費用總額分別為人民幣52,348,000元(二零零八年：人民幣49,223,000元)及人民幣9,712,000元(二零零八年：人民幣9,537,000元)。

截至二零零九年十二月三十一日，本集團付予哈電集團之附屬公司原材料採購費為人民幣125,426,000元(二零零八年：人民幣219,369,000元)。

有關欠控股公司款項之條款，請參看附註30。

##### (ii) 和其他中國國有企業的交易／結餘

本集團目前營運的經濟環境由中國政府擁有或控制的企業(國有企業)直接或間接地所主導。此外，本集團本身就是由中國政府控制的哈電集團的一部分。除了和哈電集團以及在以上(i)披露的附屬公司交易外，本集團也與其他國企有生產往來。董事會認為那些國有企業在集團交易層面上是獨立第三方。

在建立價格策略以及贊同與其他國企交易的過程中，本集團並不區分對方是否是一個國有企業。

#### 40. RELATED PARTY TRANSACTIONS

##### (i) Transactions/balance with holding company and fellow subsidiaries

Pursuant to the services agreements signed with HE, the service fees paid to and received from HE and its subsidiaries amounted to approximately Rmb52,348,000 (2008: Rmb49,223,000) and Rmb9,712,000 (2008: Rmb9,537,000) respectively.

For the year ended 31st December, 2009, the Group made purchases from subsidiaries of HE amounting to approximately Rmb125,426,000 (2008: Rmb219,369,000).

For details of the arrangement concerning balances with holding company, see note 30.

##### (ii) Transactions/balances with other state-controlled entities in the PRC

The Group operates in an economic environment currently predominated by entities directly or indirectly owned or controlled by the PRC government ("state-controlled entities"). In addition, the Group itself is part of a larger group of companies under HE, which is controlled by the PRC government. Apart from the transactions with HE and fellow subsidiaries disclosed in section (i) above, the Group also conducts business with other state-controlled entities. The directors consider those state-controlled entities are independent third parties so far as the Group's business transactions with them are concerned.

In establishing its pricing strategies and approval process for transactions with other state-controlled entities, the Group does not differentiate whether the counter-party is a state-controlled entity or not.

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 40. 關聯人士交易(續)

與其他國有企業重要的交易/結餘如下：

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
銷售	Trade sales	24,557,871	28,097,220
採購	Trade purchases	9,954,418	6,266,649
其他國有企業應付款	Amounts due to other state-controlled entities	26,797,577	10,105,136
其他國有企業應收款	Amounts due from other state-controlled entities	14,232,523	7,527,381

此外，本集團在其日常業務中和一些國有銀行和金融機構有不同往來，包括設制保證金，借款和其他一般銀行融資。在看待這些銀行交易的實質上，董事會認為毋需分開披露。

除了上述披露，董事會認為與其他國有企業的交易對於本集團營運沒有重大影響。

### 41. 資本管理

本集團資本管理的首要目標，為確保本集團具備持續發展的能力，且維持穩健的資本比率，以支持其業務運作，爭取最大的股東價值。

本集團根據經濟情況的變動，管理其資本結構並作出調整。為維持或調整資本結構，本集團可能會調整向股東派發的股息、向股東派回資本或發行新股。截至二零零九年十二月三十一日及截至二零零八年十二月三十一日止年度內，並無更改其目標、政策或程序。

### 40. RELATED PARTY TRANSACTIONS (continued)

Material transactions/balances with other state-controlled entities are as follows:

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
Sales	Trade sales	24,557,871	28,097,220
Purchases	Trade purchases	9,954,418	6,266,649
Other state-controlled entities payable	Amounts due to other state-controlled entities	26,797,577	10,105,136
Other state-controlled entities receivable	Amounts due from other state-controlled entities	14,232,523	7,527,381

In addition, the Group has entered into various transactions, including deposits placements, borrowings and other general banking facilities, with certain banks and financial institutions which are state-controlled entities in its ordinary course of business. In view of the nature of those banking transactions, the directors are of the opinion that separate disclosure would not be meaningful.

Except as disclosed above, the directors are of the opinion that transactions with other state-controlled entities are not significant to the Group's operations.

### 41. CAPITAL MANAGEMENT

The primary objective of the Group's capital management is to safeguard the Group's ability to continue as a going concern and to maintain healthy capital ratios in order to support its business and maximise shareholder value.

The Group manages its capital structure and makes adjustments to it, in light of changes in economic conditions. To maintain or adjust the capital structure, the Group may adjust the dividend payment to shareholders, return capital to shareholders or issue new shares. No changes were made in the objectives, policies or processes during the years ended 31st December 2009 and 2008.

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 41. 資本管理(續)

本集團以資本負債比率(淨債務除以總資本及淨債務之和)，藉此監控資本的情況。本集團的政策為維持穩健的資本負債比率。淨債務包括計息銀行及其他借款、應付票據及其他應付款項、應計款項，減去現金及現金等值項目。於結算日，資本負債比率如下：

#### 41. CAPITAL MANAGEMENT (continued)

The Group monitors capital using a gearing ratio, which is net debt divided by the total capital plus net debt. The Group's policy is to maintain a stable gearing ratio. Net debt includes interest-bearing bank and other borrowings, bills and other payables, accruals, less cash and cash equivalents. The gearing ratios as at the balance sheet dates were as follows:

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
總債務：	Total debts		
建造合同應付款	Amounts due to customers for contract work	509,964	757,056
應付賬款	Trade creditors	10,166,545	7,715,110
其他應付款及應計費用	Other creditors and accrued charges	3,173,130	2,055,636
已收按金	Deposits received	23,335,234	23,716,097
欠同系附屬公司款項	Amounts due to fellow subsidiaries	51,757	50,069
欠控股公司款項	Advance from holding company	834,498	320,190
借款	Borrowings	3,995,678	4,405,818
		<b>42,066,806</b>	39,019,976
減：銀行定期存款、結存 及現金有限制存款	Less: Bank deposits, cash and bank balances Restricted bank deposits	(7,006)	(14,568)
已抵押存款	Pledged bank deposits	(526,229)	(484,255)
定期存款	Bank deposits	(3,553,595)	(3,079,921)
銀行結存及現金	Cash and bank balances	(10,612,136)	(7,221,676)
		<b>(14,698,966)</b>	(10,800,420)
淨債務	Net debt	<b>27,367,840</b>	28,219,556
總資本	Equity	<b>8,639,026</b>	8,136,080
資本與淨債務	Capital and net debt	<b>36,006,866</b>	36,355,636
資本負債比率	Gearing ratio	<b>76%</b>	78%

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 42. 金融工具的分類

於結算日，各金融工具類別的賬面值如下：

#### 42. FINANCIAL INSTRUMENTS BY CATEGORY

The carrying amounts of each of the categories of financial instruments as at the end of the reporting period are as follows:

##### 金融資產

##### Financial assets

		2009	2008
		人民幣千元	人民幣千元
		Rmb'000	Rmb'000
應收賬款	Trade debtors	12,168,981	12,354,226
應收票據	Bills receivable	600,844	361,324
其他應收款及按金	Other debtors and deposit	4,852,058	6,537,067
建造合同應收款	Amounts due from customers for contract work	947,326	1,045,979
應收同系附屬公司款項	Amounts due from fellow subsidiaries	76,908	66,353
應收聯營公司款項	Amounts due from associates	1,646	1,639
待銷售性投資	Available-for-sale investments	27,074	27,074
有限制存款	Restricted bank deposits	7,006	14,568
已抵押存款	Pledged bank deposits	526,229	484,255
定期存款	Bank deposits	3,553,595	3,079,921
銀行結存及現金	Cash and cash equivalents	10,612,136	7,221,676
		<b>33,373,803</b>	31,194,082

##### 金融負債

##### Financial liabilities

		2009	2008
		人民幣千元	人民幣千元
		Rmb'000	Rmb'000
建造合同應付款	Amounts due to customers for contract work	509,964	757,056
應付賬款	Trade creditors	10,166,545	7,715,110
其他應付款及應計費用	Other creditors and accrued charges	3,173,130	2,055,636
金融衍生工具	Derivative financial instruments	-	3,133
欠同系附屬公司款項	Amounts due to fellow subsidiaries	51,757	50,069
欠控股公司款項	Advance from holding company	834,498	320,190
借款	Borrowings	3,995,678	4,405,818
已收按金	Deposit received	23,335,234	23,716,097
		<b>42,066,806</b>	39,023,109

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 43. 財務風險管理目標及政策

本集團之主要財務工具包括待銷售性投資、應收及其他應收款、應付及其他應付款、借款、銀行結存及現金。下文載列與該等金融工具有關之風險及如何降低該等風險之政策。管理層管理及監控該等風險，以確保及時和有效地採取適當之措施。

##### 信貸風險

於二零零九年十二月三十一日，本集團因交易對方未能履行責任而為本集團帶來財務虧損的最大信貸風險乃綜合資產負債表所列各項已確認金融資產的賬面值。為盡量減低與應收賬款有關的信貸風險，本集團管理層已選派一隊專責釐定信貸額度、信貸批准及其他監管程序的隊伍，以確保作出跟進行動收回逾期債務。此外，本集團於各結算日檢討各項個別交易債務的可收回金額，以確保就不可收回款項作出足夠減值虧損。就此，本公司董事認為，本集團的信貸風險已大幅減少。

由於交易對方大多數為知名銀行或獲國際信貸評級機構評為高信貸評級的銀行，故流動資金的信貸風險有限。本集團並無過份集中之信貸風險，有關風險乃分散至多個地方。

##### 流動資金風險

於二零零九年及之後各個年度，本集團的資金流動性主要依賴其維持充足營運現金流的能力以應付其債務責任。同時，本集團與銀行保持良好的關係。二零零九年底，本集團的財政狀況維持穩健，於二零零九年十二月三十一日的現金及現金等值項目為人民幣10,612,136,000元(二零零八年：人民幣7,221,676,000)。

#### 43. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES

The Group's major financial instruments including available-for-sale investments, trade and other debtors, trade and other creditors, borrowings and bank balances and deposits. The risks associate with and the policies on how to mitigate these risks are set out below. The management manages and monitors these exposures to ensure approximate measures are implemented on a timely and effective manner.

##### Credit risk

The Group's maximum exposure to credit risk in the event of the counterparties failure to perform their obligations as at 31st December, 2009 in relation to each class of recognised financial assets is the carrying amount of those assets as stated in the consolidated statement of financial position. In order to minimise the credit risk, the management of the Group has delegated a team responsible for determination of credit limits, credit approvals and other monitoring procedures to ensure that follow-up action is taken to recover overdue debts. In addition, the Group reviews the recoverable amount of each individual receivable at the end of the reporting period to ensure that adequate impairment losses are made for irrecoverable amounts. In this regard, the directors of the Company consider that the Group's credit risk is significantly reduced.

The credit risk on bank deposit and balances is limited because the majority of the counterparties are reputable banks or bank with high credit ratings assigned by international credit-rating agencies. The Group has no significant concentration of credit risk, with exposure spread over a number of counterparties.

##### Liquidity risk

With regard to 2009 and thereafter, the liquidity of the Group is primarily dependent on its ability to maintain adequate cash flow from operations to meet its debt obligations as they fall due. The Group has good standing among its bankers. The Group continued to enjoy a strong financial position at the end of 2009, with cash and cash equivalents amounting to Rmb10,612,136,000 as at 31st December 2009.(2008: Rmb7,221,676,000).



## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 43. 財務風險管理目標及政策(續)

##### 流動資金風險(續)

於結算日，本集團金融負債到期情況如下  
(基於已訂立的未折現付款)：

##### 本集團

2009年

		少於1年 Less than 1 year 人民幣千元 Rmb'000	1年至2年 1 to 2 years 人民幣千元 Rmb'000	2年至5年 2 to 5 years 人民幣千元 Rmb'000	5年以上 More than 5 years 人民幣千元 Rmb'000	總計 Total 人民幣千元 Rmb'000
建造合同應付款	Amounts due to customers for contract work	509,964	-	-	-	509,964
應付賬款	Trade creditors	10,166,545	-	-	-	10,166,545
其他應付款及應計費用	Other creditors and accrued charges	3,173,130	-	-	-	3,173,130
欠同系附屬公司款項	Amounts due to fellow subsidiaries	51,757	-	-	-	51,757
欠控股公司款項	Advance from holding company	20,478	-	-	814,020	834,498
借款	Borrowings	1,288,579	570,570	1,310,000	826,529	3,995,678
已收按金	Deposits received	15,216,864	8,118,370	-	-	23,335,234
		<u>30,427,317</u>	<u>8,688,940</u>	<u>1,310,000</u>	<u>1,640,549</u>	<u>42,066,806</u>

2008年

2008

		少於1年 Less than 1 year 人民幣千元 Rmb'000	1年至2年 1 to 2 years 人民幣千元 Rmb'000	2年至5年 2 to 5 years 人民幣千元 Rmb'000	5年以上 More than 5 years 人民幣千元 Rmb'000	總計 Total 人民幣千元 Rmb'000
建造合同應付款	Amounts due to customers for contract work	757,056	-	-	-	757,056
應付賬款	Trade creditors	7,715,110	-	-	-	7,715,110
其他應付款及應計費用	Other creditors and accrued charges	2,055,636	-	-	-	2,055,636
金融衍生工具	Derivative financial instruments	3,133	-	-	-	3,133
欠同系附屬公司款項	Amounts due to fellow subsidiaries	50,069	-	-	-	50,069
欠控股公司款項	Advance from holding company	13,470	-	-	306,720	320,190
借款	Borrowings	870,704	1,014,256	1,328,696	1,192,162	4,405,818
已收按金	Deposits received	18,656,591	5,059,506	-	-	23,716,097
		<u>30,121,769</u>	<u>6,073,762</u>	<u>1,328,696</u>	<u>1,498,882</u>	<u>39,023,109</u>

#### 43. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES (continued)

##### Liquidity risk (continued)

The maturity profile of the Group's financial liabilities as at the end of the financial position is as follows:

##### THE GROUP

2009

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 43. 財務風險管理目標及政策(續)

##### 利率風險

本集團所面對之利率變動風險主要是由其固定利率的銀行存款及貸款所致。本集團現時並無利率對沖政策。然而，管理層對利率風險進行監控並將於有需要時考慮對沖重大外幣風險。

本集團因利率變動面臨之利率風險主要與本集團之計息銀行及其他借貸有關。於二零零九年及二零零八年十二月三十一日，倘借貸利率高/低50基點而所有其他變數維持不變，則本年度/去年度溢利將分別減少/增加人民幣5,331,000元及4,579,000元，主要是由於浮動利率借貸利息開支增加/減少所致。

##### 其他價格風險

本集團無需面對任何權益證券風險或商品價格風險。

##### 貨幣風險

本集團有若干應收款項以外幣計值，以致本集團承擔外匯風險。管理層持續監控外匯風險，並於需要時考慮對沖外匯風險。

#### 43. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES (continued)

##### Interest rate risk

The Group's interest rate risk relates primarily to fixed rate bank deposits and borrowings. The Group currently does not have an interest rate hedging policy. However, the management monitors interest rate exposure and will consider hedging significant interest rate exposure should the need arises.

The Group's exposure to interest rate risk for changes in interest rates relates primarily to the Group's interest-bearing borrowings. As at 31st December, 2009, if interest rates on borrowings had been 50 basis points higher/lower with all other variables held constant, profit for the current/prior year would have been Rmb5,331,000 and Rmb4,579,000, lower/higher respectively, mainly as a result of higher/lower interest expense on floating rate borrowings.

##### Other price risk

The Group is not exposed to any equity securities risk or commodity price risk.

##### Currency risk

Certain trade receivables of the Group are denominated in foreign currencies. The management monitors foreign exchange exposure and hedges certain exposure using foreign currency forward contracts. The foreign currency forward contracts do not qualify for hedging accounting.

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 43. 財務風險管理目標及政策(續)

### 43. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES (continued)

#### 貨幣風險(續)

#### Currency risk (continued)

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
其他貨幣計值之金融資產：			
Financial assets denominated in foreign currencies:			
應收賬款	Trade debtors	<b>2,816,687</b>	3,041,673
銀行結存及現金	Bank balance and cash	<b>700,145</b>	629,871
		<b>3,516,832</b>	3,671,544
		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
其他貨幣計值之金融負債：			
Financial liabilities denominated in foreign currencies:			
借款	Borrowings	<b>928,635</b>	915,836
		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
其他貨幣計值之金融資產載列如下：			
The financial assets were denominated in the following foreign currencies:			
歐元	EUR	<b>45,776</b>	80,083
美元	USD	<b>3,474,748</b>	3,529,822
港元	HKD	<b>17,345</b>	59,847
其他	Others	<b>2,157</b>	1,792
		<b>3,540,026</b>	3,671,544

## 財務報表附註(續) Notes to the Financial Statements (continued)

### 43. 財務風險管理目標及政策(續)

#### 貨幣風險(續)

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
其他貨幣計值之金融 負債載列如下：	The financial liabilities were denominated in the following foreign currencies:		
美元	USD	<b>928,635</b>	915,836

下表顯示本集團純利於結算日對人民幣匯率可能的合理變動的敏感度，前提是其他因素不變，而變動的原因是貨幣資產及負債公平值的改變。

### 43. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES (continued)

#### Currency risk (continued)

		2009 人民幣千元 Rmb'000	2008 人民幣千元 Rmb'000
其他貨幣計值之金融 負債載列如下：	The financial liabilities were denominated in the following foreign currencies:		
美元	USD	<b>928,635</b>	915,836

The following table demonstrates the sensitivity at the end of the reporting period to a reasonably possible change in the Rmb exchange rate, with all other variables held constant, of the Group's net profit (due to changes in the fair value of monetary assets and liabilities).

		匯率 上升/減少 Increase/ decrease in foreign currency rate	2009 除稅前 溢利的影響 Effect on profit before taxation 人民幣千元 Rmb'000	2008 除稅前 溢利的影響 Effect on profit before taxation 人民幣千元 Rmb'000
歐元	EUR	5%	<b>2,289</b>	4,004
		-5%	<b>(2,289)</b>	(4,004)
美元	USD	5%	<b>220,169</b>	222,283
		-5%	<b>(220,169)</b>	(222,283)
港元	HKD	5%	<b>867</b>	2,992
		-5%	<b>(867)</b>	(2,992)

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 44. 主要附屬公司詳述

截至於二零零九年十二月三十一日，公司在中國建立並營運的主要附屬公司詳情如下：

#### 44. PARTICULARS OF PRINCIPAL SUBSIDIARIES OF THE COMPANY

Details of the Company's principal subsidiaries as at 31st December, 2009, all of which are incorporated and operating in the PRC, are:

附屬公司名稱 Name of subsidiary	註冊資本 Registered share capital 人民幣千元 Rmb'000	公司持有註冊資本 名義價值比例 Proportion of nominal value of registered capital held by the Company		主要活動 Principal activities
		直接 Directly %	間接 Indirectly %	
哈爾濱鍋爐廠有限責任公司*	746,853	90.94	-	生產鍋爐 Manufacture of boilers
哈爾濱電機廠有限責任公司*	709,237	87.37	-	生產蒸汽渦輪發動裝置和水渦輪發動裝置 Manufacture of steam turbine generator sets and hydro turbine generator sets
哈爾濱電站工程有限責任公司*	136,000	100	-	為電站提供工程服務 Provision of engineering services for power stations
哈爾濱三利亞股份有限公司**	76,116	81.39	-	非金屬合金表面處理、功能性膜層的開發和應用、電液漆、電解液及相關化工產品生產與銷售 Development, production and sale of plasma-enhanced and electrochemical surface ceramicised light alloy materials, building aluminum templates and boards, industrial special nature materials, electrophoresis paints and electrolyte, relevant chemical products.
哈爾濱動力科技貿易股份有限公司**	27,000	55.55	44.45	貿易 Trading
哈爾濱汽輪機廠有限責任公司*	859,723	62.54	-	生產電站汽輪機 Manufacture of steam turbines
哈爾濱東力房地產開發有限責任公司*	10,000	-	100	房地產開發 Property development
哈電集團哈爾濱電站閥門有限公司*	80,000	100	-	生產閥門 Manufacture of valves
哈電發電設備國家工程研究中心有限公司*	50,000	60	-	發電設備研發工程化技術 Research and development of power equipment engineerisation technology

## 財務報表附註(續)

### Notes to the Financial Statements (continued)

#### 44. 主要附屬公司詳述(續)

#### 44. PARTICULARS OF PRINCIPAL SUBSIDIARIES OF THE COMPANY (continued)

附屬公司名稱 Name of subsidiary	註冊資本 Registered share capital 人民幣千元 Rmb'000	公司持有註冊資本 名義價值比例 Proportion of nominal value of registered capital held by the Company		主要活動 Principal activities
		直接 Directly	間接 Indirectly	
		%	%	
成都三利亞中瓷有限責任公司*	53,127	-	50	輕合金材料、鋁特種工件、輕合金表面陶瓷化處理及相關技術的研究；電子產品、科研所需的原輔材料、零配件及相關產品的生產、加工及銷售 Development, production and sale of electrochemical surface ceramicised light alloy materials and relevant technology; Manufacture, processing and trading of electricity products, relevant raw materials and accessories.
哈動國家水力發電設備工程技術研究中心有限公司*	10,000	-	100	研究及開發水力發電設備技術 Research and development of hydropower generation equipment engineerisation technology
秦皇島哈電置業房地產開發有限公司*	20,000	-	90	房地產開發和租賃 Property development and property rentals
哈爾濱鍋爐廠預熱器有限責任公司*	8,000	-	78	生產工程設備 Manufacture of engineering equipment
哈爾濱哈電地產置業股份有限公司**	20,000	-	35(註) (note)	房地產開發和租賃 Property development and property rentals
哈爾濱汽輪機廠輔機工程有限公司*	60,000	-	100	為渦輪提供工程服務 Provision of engineering service to turbines
哈爾濱樂松購物廣場有限公司*	3,000	-	75	房地產租賃 Property rental

\* 有限責任公司

\*\* 股份有限公司

\* Limited liabilities company

\*\* Joint stock limited enterprise

註：根據從擁有哈爾濱哈電地產置業股份有限公司16%註冊資本的股東書面聲明中，其股東將會與集團意見一致，因此本集團能控制一半以上的公司投票權。

Note: According to the written declaration received from certain shareholders who held 16% registered capital of 哈爾濱哈電地產置業股份有限公司, these shareholders would vote for the same decision as the Group and therefore the Group could control more than half of the voting power of the companies.

董事會認為以上表格列示了主要能影響本集團業績或資產之附屬公司。董事會認為載列其他附屬公司之詳情會使此報告篇幅過於冗長。

The above table lists the subsidiaries of the Group which, in the opinion of the directors, principally affected the results or assets of the Group. To give details of other subsidiaries would, in the opinion of the directors, result in particulars of excessive length.

本年度沒有一家附屬公司發生任何債務擔保事項。

None of the subsidiaries had issued any debt securities during the year.

## 重要事項揭示

### Disclosure of Significant Events

#### 1. 股東周年大會

本公司於2009年6月12日(星期五)上午9:00時，在中華人民共和國黑龍江省哈爾濱市香坊區三大動力路39號B座17樓會議大廳舉行了2008年度股東周年大會，會議審議通過了載於2009年4月24日股東周年大會通知所列之全部議案。

2. 2009年3月4日，本公司控股股東由哈爾濱電站設備集團公司更名為哈爾濱電氣集團公司。

3. 2009年4月24日，本公司召開的第五屆董事會第十二次會議同意馮永強先生因工作變動原因辭去公司副總經理職務。

4. 2009年6月，本公司總承包的河北宣城電廠脫硫工程被授予「國家優質工程」和「中國電力優質工程」榮譽稱號。

5. 2009年7月1日，本公司執行董事、總經理曲大莊先生因工作調動辭去執行董事、總經理職務。

6. 2009年7月21日，由本公司所屬汽輪機公司自主設計製造的世界首台雙缸雙排汽660MW超臨界汽輪機組在河北定州電廠一次啟動成功。

7. 2009年8月7日，本公司召開的第五屆董事會第十三次會議審議通過了本公司所屬的哈電集團哈爾濱電站閥門有限公司與法國萬納託公司合資事項。

#### 1. Annual General Meeting

The 2008 Annual General Meeting of the Company was held in the meeting-room on the 17th Floor, Block B, No.39 Sandadongli Road, Xiangfang District, Harbin, Heilongjiang Province, the People's Republic of China, at 9:00 a.m. on 12th June, 2009 (Friday). All of the proposed resolutions set out in the Notice of Annual General Meeting dated 24th April, 2009 were passed at the meeting.

2. On 4th March, 2009, Harbin Power Plant Equipment Group Corporation, the controlling shareholder of the Company, has changed its name to Harbin Electric Corporation.

3. On 24th April, 2009, the fifth session Board of the Company convened its twelfth meeting to approve Mr. Feng Yong-qiang's resignation from deputy general manager due to change of responsibility.

4. In June 2009, the Company's turn-key desulfurization project of Hebei Xuancheng Power Plant was honored: "National Best Project" and "National High Quality Electric Power Project".

5. On 1st July, 2009, Mr. Qu Da-zhuang, the executive director and general manager of the Company has resigned from executive director and general manager due to change of responsibility.

6. On 21st July, 2009, our first self designed and made bi-cylinder 660 MW Super Critical Gas Turbines, also the first of its kind in the world, has been launched successfully at Hebei Dingzhou Power Plant.

7. On 7th August, 2009, the fifth session Board of the Company convened its thirteenth meeting to review and approve the joint investment by HE Harbin Power Plant Value Company Limited and Vanatome.

## 重要事項揭示(續)

### Disclosure of Significant Events (continued)

8. 2009年12月11日，本公司召開了股東特別大會選舉產生了本公司第六屆董事會成員和第六屆由股東代表出任的監事會成員。會議選舉宮晶堃先生、鄒磊先生、段洪義先生、吳偉章先生、商中福先生為本公司執行董事；孫昌基先生、賈成炳先生、李荷君女士、于渤先生、劉登清先生為本公司獨立非執行董事(獨立董事)，新任董事任期自2009年12月11日起為期三年；會議選舉王志森先生、陳光先生為本公司股東代表出任的監事，選舉徐二明先生為獨立監事，會議還通報了職工代表監事為：盧春蓮女士、高旭光先生，新任監事任期自2009年12月11日起為期三年。
8. On 11th December, 2009, the Company convened an EGM to elect the sixth session Board and the sixth Supervisory Committee comprising shareholder representatives. Mr. Gong Jin-kun, Mr. Zou Lei, Mr. Duan Hong-yi, Mr. Wu Wei-zhang, Mr. Shang Zhong-fu were elected executive directors of the Company; Mr. Sun Chang-ji, Mr. Jia Cheng-bing, Ms. Li He-jun, Mr. Yu Bo, Mr. Liu Deng-qing were elected independent non-executive directors (independent shareholders) of the Company, the service terms for the new directors are three years commencing from 11th December, 2009; Mr. Wang Zhi-sen, Mr. Chen Guang were elected as shareholder representative supervisors of the Company, and Mr. Xu Er-ming was elected as an independent supervisor, and Ms. Lu Chun-lian, Mr. Gao Xu-guang are employee representatives, all new supervisors will serve a term of three years commencing from 11th December, 2009.
9. 2009年12月11日，本公司召開了第六屆董事會第一次會議，通過了如下決議：
9. On 11th December, 2009, the sixth session Board of the Company convened its first meeting to pass the following resolutions:
- (1) 選舉宮晶堃先生為本公司董事長、選舉鄒磊先生為本公司副董事長；
  - (1) To elect Mr. Gong Jing-kun as Chairman of the Company, and Mr. Zou Lei as Vice Chairman of the Company;
  - (2) 會議根據本公司治理結構需要決定成立四個專門委員會。其中，戰略發展與改革委員會成員有鄒磊、孫昌基、吳偉章、商中福、于渤，鄒磊擔任主任委員；審核委員會成員有李荷君、劉登清、段洪義，李荷君擔任主任委員；薪酬委員會成員有孫昌基、于渤、段洪義，孫昌基擔任主任委員；提名委員會成員有賈成炳、李荷君、商中福，賈成炳擔任主任委員；
  - (2) To form four specialized committees under our corporate governance structure, including the Strategic Development and Reform Committee, comprising Zou Lei (as Chairman), Sun Chang-ji, Wu Wei-zhang, Shang Zhong-fu, Yu Bo; the Audit Committee, comprising Li Jun-he (as Chairman), Liu Deng-qing, Duan Hong-yi; the Remuneration Committee, comprising Sun Chang-ji (as Chairman), Yu Bo, Duan Hong-yi; the Nomination Committee, comprising Jia Cheng-bing (as Chairman), Li Jun-he, Shang Zhong-fu;
  - (3) 聘任商中福先生、張海權先生、劉智全先生、韓建偉先生為本公司副總經理；
  - (3) To engage Mr. Shang Zhong-fu, Mr. Zhang Hai-quan, Mr. Liu Zhi-quan, Mr. Han Jian-wei as deputy general managers of the Company;
  - (4) 聘任馬遂先生為本公司秘書。
  - (4) To engage Mr. Ma Sui as the Company Secretary of the Company.



## 重要事項揭示 (續)

### Disclosure of Significant Events (continued)

10. 2009年12月11日，本公司召開了第六屆監事會第一次會議，通過如下決議：選舉王志森先生為本公司監事會主席。

10. On 11th December, 2009, the sixth session Board of the Company convened its first meeting to pass the following resolution: to elect Mr. Wang Zhi-sen as Chairman of the Supervisory Committee of the Company.

11. 2009年12月29日，本公司與中國建設銀行股份有限公司達成書面協議，建設銀行將其持有的本公司附屬公司哈爾濱電機廠有限責任公司的1,600萬元股權(佔電機公司總股本的2.26%)，及哈爾濱汽輪機廠有限責任公司的7,200萬元股權(佔汽輪機公司總股本的8.37%)轉讓給本公司。轉讓價格為人民幣21,368萬元。收購前後的股權變化情況如下：

11. On 29th December, 2009, the Company and China Construction Bank Corporation ("CCBC") entered into a written agreement, pursuant to which CCBC has agreed to transfer its shareholdings amounting to Rmb16 million in Harbin Electrical Machinery Co. Ltd. ("Electrical Machinery", a subsidiary of the Company), representing 2.26% of the total share capital of Electrical Machinery, and its shareholdings amounting to Rmb72 million in Harbin Turbine Co. Ltd. ("Harbin Turbine", a subsidiary of the Company), representing 8.37% of the total share capital of Harbin Turbine, to the Company. The consideration for the transfer was Rmb213.68 million. Changes in shareholdings before and after the acquisition are as follows:

股東	公司	收購前股權	收購後股權
Shareholders	Name of the company	Shareholdings before the acquisition (%)	Shareholdings after the acquisition (%)
本公司	汽輪機公司	53,762.29萬股62.53%	60,962.29萬股70.90%
The Company	Turbine Company	537,622,900 shares 62.53%	609,622,900 shares 70.90%
	電機公司	61,966.69萬股87.37%	63,566.69萬股89.63%
	Electrical Machinery Company	619,666,900 shares 87.37%	635,666,900 shares 89.63%
建設銀行	汽輪機公司	7,200萬股8.37%	0
CCBC	Turbine Company	72,000,000 shares 8.37%	0
	電機公司	1,600萬股2.26%	0
	Electrical Machinery Company	16,000,000 shares 2.26%	0

12. 2010年2月5日，本公司召開了第六屆董事會第三次會議，聘任吳偉章先生為本公司總經理。

12. On 5th February, 2010, the sixth session Board of the Company convened its third meeting to engage Mr. Wu Weizhang as general manager of the Company.

## 重要事項揭示(續)

### Disclosure of Significant Events (continued)

13. 2010年2月5日，本公司召開了第六屆董事會第三次會議，為整合電站維修、改造、備品供應等服務業務，批准了「關於組建哈電集團現代製造服務產業有限公司的報告」。

#### 14. 重要合同簽訂情況

- (1) 2009年1月13日，與中核集團公司簽訂浙江三門核電機組堆芯補水箱和非能動餘熱排出熱交換器設備供貨合同，填補了公司此類產品的空白。
- (2) 2009年2月25日，與印度海岸能源公司簽訂印度都利(Tuticorin) 2X600MW並臨界燃煤電站項目主機島(BTG)供貨合同，進一步擴大了公司產品在印度的市場份額。
- (3) 2009年4月3日，與巴基斯坦卡拉奇供電公司簽訂巴基斯坦濱佳聖姆(BIN QASIM)聯合循環電站總承包合同。
- (4) 2009年4月7日，與山東魯能物資集團有限公司簽訂黑龍江寶清2X600MW超臨界褐煤機組。
- (5) 2009年4月29日，與MIPP國際公司簽訂印度Ucchpinda 4X360MW汽輪機和發電機設備供貨合同，是公司首次直接出口300MW級主機設備。
- (6) 2009年7月26日，與中核集團公司簽訂湖南桃花江2台AP1000核電站機組的蒸汽發生器供貨合同。

13. On 5th February, 2010, the sixth session Board of the Company convened its third meeting to approve the *Report about Establishment of HEC Modern Production and Services Corporation*, so as to consolidate service businesses like power station maintenance, reconstruction, and supply of equipment.

#### 14. Material Contracts

- (1) On 13th January, 2009, the Company and CNNC signed a supply contract of the nuclear power CMT and PRHRHX equipment for the Sanmen project in Zhejiang, which is the first of its kind in our product portfolio.
- (2) On 25th February, 2009, the Company and Coast & Energy Co. of India signed a supply contract of 2X600MW sub-critical coal-fired thermal power (BTG) for the Tuticorin project in India, which further enlarged our market share in India.
- (3) On 3rd April, 2009, the Company and KESC of Pakistan signed a turn-key contract of Combined Cycle Power Plants for the Bin Qasim project in Pakistan.
- (4) On 7th April, 2009, the Company and Shandong Luneng Material Corporation signed a supply contract of 2X600MW supercritical coal-fired units for the Baoqing project in Heilongjiang.
- (5) On 29th April, 2009, the Company and MIPP International signed a supply contract of 4X360MW Turbine and power generator for the Ucchpinda project in India, which is our first directly export of 300MW main equipment.
- (6) On 26th July, 2009, the Company and CNNC signed a supply contract of two AP1000 steam generator of nuclear power plant for the Taohuajiang project in Hunan.

## 重要事項揭示(續)

### Disclosure of Significant Events (continued)

(7) 2009年8月7日，與山東電建二公司簽訂印度Amravati 2X660MW超臨界燃煤機組，標誌着公司600MW級超臨界汽輪機產品首次進入印度市場。

(8) 2009年10月31日，與中廣核公司簽訂湖北咸寧2台AP1000核電機組常規島設備和1#機組蒸汽發生器供貨合同。

(9) 2009年11月14日，與印度Lanco公司簽訂印度坎塔克2X660MW超臨界汽輪機和發電機設備供貨合同，是公司首次直接出口600MW主機設備。

(10) 2009年12月24日，與中國電工設備總公司組成聯合體，共同與泰國Banpu等業主單位簽訂老撾洪薩(Hongsa) 3X600MW亞臨界燃煤火電總承包項目。

(7) On 7th August, 2009, the Company and Shandong Electric power Construction No.2 Company signed a supply contract of 2X660MW supercritical coal-fired units for the Amravati project in India, which marked the first entry our 600MW supercritical turbine products into the Indian market.

(8) On 31st October, 2009, the Company and China Guangdong Nuclear Power Group signed a supply contract of two AP1000 nuclear power conventional island and 1# steam generator for the Xianning project in Hubei.

(9) On 14th November, 2009, the Company and Lanco of India signed a supply contract of 2X660MW supercritical turbine and generator for the Karnataka project in India, which is our first directly export of 600MW main equipment.

(10) On 24th December, 2009, the Company jointly with CNEEC and Banpu of Thailand signed a turn-key contract of 3X600MW sub-critical coal-fired thermal power for the Hongsa project in Laos.

#### 15. 科研開發情況

2009年12月30日，超臨界1000MW火電重大裝備研製與產業化，獲得中國機械工業科技進步獎特等獎；

2009年12月30日，彎扭葉片與流場性能優化理論在大型汽輪機中的應用，獲得中國機械工業科學技術一等獎。

除以上事項外，本公司未有其他需披露而未披露之重要事項。

#### 15. Scientific Research and Development

On 30th December, 2009, the Company won the special prize of national scientific and technology progress by virtue of the scientific research and industrialization of 1000MW supercritical coal-fired thermal power units.

On 30th December, 2009, the Company won the first prize of national machinery and industrial technology by virtue of the application of twisted blade and flow field performance theory in large turbine.

Save for disclosed above, the Company does not have any other discloseable matters which are material but are not disclosed.

# 公司資料

## Information on the Company

### 公司法定名稱

哈爾濱動力設備股份有限公司

### 公司英文名稱

Harbin Power Equipment Company Limited

### 公司註冊地址

中華人民共和國  
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南崗高科技生產基地  
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### 公司辦公地址

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### 法定代表人

宮晶堃

### 授權代表

吳偉章  
馬遂

### REGISTERED NAME OF THE COMPANY

哈爾濱動力設備股份有限公司

### ENGLISH NAME OF THE COMPANY

Harbin Power Equipment Company Limited

### REGISTERED ADDRESS OF THE COMPANY

Block 3  
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People's Republic of China  
Registration No.2301001003796

### OFFICE ADDRESS OF THE COMPANY

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### LEGAL REPRESENTATIVE

Gong Jing-kun

### AUTHORISED REPRESENTATIVES

Wu Wei-zhang  
Ma Sui

## 公司資料(續) Information on the Company (continued)

### 公司秘書

馬遂

### COMPANY SECRETARY

Ma Sui

### 核數師

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**China Rightson YueHua Certified Public Accountant  
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**HAIWEN & PARTNERS**

Room 1016, Beijing Silver Tower

No.2, Dongsanhuan North Road

Chaoyang District

Beijing

PRC

香港法律

齊伯禮律師行

香港

中環

遮打道16-20號

歷山大廈

二十樓

*as to Hong Kong Law*

**Richard Butler**

20th Floor

Alexandra House

16-20 Chater Road

Central

Hong Kong

### 上市資料

H股

香港聯合交易所

編號：1133

### LISTING INFORMATION

H Shares

The Stock Exchange of Hong Kong Limited

Stock Code: 1133

## 公司資料(續) Information on the Company (continued)

### 預托股份機構

紐約銀行  
美國托存證券  
22nd Floor West  
110 Barclay Street  
New York, NY 10286 USA

### 投資者關係

P.O. Box 11258  
Church Street Station  
New York, NY 10286-1258

### 股份過戶登記處

香港證券登記有限公司  
香港  
灣仔  
皇后大道東183號  
合和中心  
17樓1712-1716室

### 公司資料索閱地點

哈爾濱動力設備股份有限公司  
董事會秘書局

中國  
哈爾濱市  
香坊區  
三大動力路39號B座

### 股東接待日

每月8日、18日、28日(節假日順延)  
上午: 9:00-11:00  
下午: 2:00-4:00  
電話: 86-451-82135717或82135727  
傳真: 86-451-82135700

### DEPOSITARY

The Bank of New York  
American Depositary Receipts  
22nd Floor West  
110 Barclay Street  
New York, NY 10286 USA

### INVESTOR RELATIONS

P.O. Box 11258  
Church Street Station  
New York, NY 10286-1258

### SHARE REGISTER AND TRANSFER OFFICE

#### Hong Kong Registrars Limited

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

### INFORMATION ON THE COMPANY

#### Available at Secretary Office of the Board of Directors

Block B, 39 Sandadongli Road  
Xiangfang District  
Harbin  
PRC

### SHAREHOLDERS RECEPTION TIME

On 8th, 18th, and 28th (the following day in case a holiday)  
From: 9:00 a.m. to 11:00 a.m. and  
From: 2:00 p.m. to 4:00 p.m.  
Tel: 86-451-82135717 or 82135727  
Fax: 86-451-82135700

## 備查文件 Documents Available for Inspection

1. 本公司二零零九年度報告正本。
2. 本公司經審核之財務報表正本。

1. The original copy of the 2009 Annual Report of the Company.
2. The original copy of the Company's audited financial statements.

# 股東週年大會通知

## Notice of Annual General Meeting

茲通告哈爾濱動力設備股份有限公司(「本公司」)謹定於2010年6月3日(星期四)上午九時在中華人民共和國黑龍江省哈爾濱市香坊區三大動力路39號B座17樓會議大廳，舉行2009年度股東週年大會，以便處理下列事項：

### 普通事項

1. 審議並批准公司截至2009年12月31日止年度的董事會報告書；
2. 審議並批准公司截至2009年12月31日止年度的監事會報告書；
3. 審議並批准公司2009年1月1日至2009年12月31日期間經審核賬目和核數師報告；
4. 宣布派發公司2009年年度股息每股人民幣0.068元。

### 特別事項

5. 授權公司董事會有權委任任何人士填補董事會臨時空缺或增任為董事，其任期至本公司下一次股東大會完結時為止。
6. 授權公司董事會決定公司聘任核數師事項及授權公司董事會釐定其酬金。

承董事會命  
公司秘書  
馬遂

中國哈爾濱，2010年4月9日

**NOTICE IS HEREBY GIVEN** that the Annual General Meeting of Harbin Power Equipment Company Limited (the "Company") for the year of 2009 will be held at 17th Floor Meeting Room, Block B, 39 Sandadongli Road, Xiangfang District, Harbin, Heilongjiang Province, the People's Republic of China on Thursday, 3rd June, 2010 at 9:00 a.m. for the following purposes:

### AS ORDINARY BUSINESS

1. To consider and approve the Report of the Directors of the Company for the year ended 31st December, 2009;
2. To consider and approve the Report of the Supervisory Committee of the Company for the year ended 31st December, 2009;
3. To consider and approve the audited accounts and the auditor's report of the Company for the period from 1st January, 2009 to 31st December, 2009;
4. To declare the 2009 dividend of Rmb0.068 per share.

### AS SPECIAL BUSINESS

5. To authorize the Board of Directors of the Company to appoint any person to fill in a casual vacancy in the Board of Directors or as an additional director, his term of office shall expire at the conclusion of the next general meeting of the Company;
6. To authorize the Board of Directors of the Company to determine the appointment of auditors and authorize the Board of Directors of the Company to fix their remuneration.

By order of the Board  
**Ma Sui**  
Company Secretary

Harbin, China, 9th April, 2010



# 股東週年大會通知(續)

## Notice of Annual General Meeting (continued)

### 公司註冊地址：

中華人民共和國  
黑龍江省，哈爾濱市  
南崗區高科技生產基地三號樓

### 公司辦公通訊地址：

中華人民共和國  
黑龍江省，哈爾濱市  
香坊區三大動力路39號B座

### 附註：

1. 為確定有權出席股東週年大會並表決和獲派予股東大會擬派的2009年度股息的股東名單，本公司將於2010年5月3日至2010年6月2日期間(包括首尾兩天)，暫停辦理股東名冊變更登記，暫停登記前已經在冊的股東有權出席股東週年大會並進行表決及有權獲派2009年度股息(如經該股東大會宣派)，暫停登記期間買入本公司股份的人士無權出席股東週年大會，亦無權獲派2009年度股息。為確保有資格收取2009年度末期股息，所有填妥之過戶文件連同有關股票須於2009年4月30日下午4時30分前送達本公司於香港之過戶登記處香港證券登記有限公司，地址為香港灣仔皇后大道東183號合和中心17樓1712-1716室。
2. 擬出席股東週年大會的股東應在2010年5月2日下午五時前，將擬出席會議的書面回覆送達公司的辦公通訊地址。
3. 任何有權出席股東週年大會並有權表決的股東，均有權委派一個或多個人(不論該人是否為股東)作為其股東代理人，代他出席及表決。
4. 股東代理人委任表格連同簽署人的經公證的授權書或其它授權文件(如有)必須於股東週年大會指定舉行時間二十四小時前送交本公司的辦公通訊地址方為有效。

### Registered Office of the Company:

Block 3, Nangang High Technology Production Base  
Harbin, Heilongjiang Province  
People's Republic of China

### Office Address of the Company:

Block B, No 39 Sandadongli Road, Xiangfang District  
Harbin, Heilongjiang Province  
People's Republic of China

### Notes:

1. For the purpose of determining the list of shareholders entitled to attend and vote at the Annual General Meeting and the receive of the proposed dividend of the year of 2009 to be declared at that meeting, the Company shall temporarily suspend changes to the register of shareholders from 3rd May, 2010 to 2nd June, 2010 (both days inclusive). Shareholders whose names appear on the register at the time of the suspension of registration shall be entitled to attend and vote at the Annual General Meeting and shall be entitled to receive of the proposed dividend of the year of 2009 (if declared at that General Meeting). Person who purchased shares of the Company during the period of suspension of registration shall not be entitled to attend the Annual General Meeting, nor to the dividend of the year of 2009. In order to qualify for the final dividend for 2009, all transfers documents, accompanied by the relevant share certificates, must be lodged with the Company's Registrar, namely, Hong Kong Registrars Limited at Shops 1712-1716, 17th Floor, Hopewell Centre, 183 Queen's Road East, Wan Chai, Hong Kong no later than 4:30 p.m., 30th April 2009.
2. Shareholders intending to attend the Annual General Meeting shall give written notice of the same to the Company, which shall be lodged at the office address of the Company before 5:00 p.m. on 2nd May, 2010.
3. A Shareholder entitled to attend and vote at the Annual General Meeting is entitled to appoint one or more persons (whether or not a shareholder of the Company) as his proxy to attend and vote on behalf of him.
4. To be valid, the form of proxy, together with a duly notarized power of attorney or other document of authority, if any, under which the form is signed must be deposited at the office address of the Company not less than 24 hours before the time appointed for holding the Annual General Meeting.



哈爾濱動力設備股份有限公司  
Harbin Power Equipment Company Limited