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**華能國際電力股份有限公司**

**HUANENG POWER INTERNATIONAL, INC.**

*(a Sino-foreign joint stock limited company incorporated in the People's Republic of China)*

**(Stock Code: 902)**

## **THIRD QUARTERLY REPORT OF 2023**

Pursuant to the regulations of Shanghai Stock Exchange, the Company is required to publish a quarterly report for each of the first and third quarters.

All financial information set out in this quarterly report is unaudited and prepared in accordance with the PRC Accounting Standards (“**PRC GAAP**”).

This announcement is made by the Company pursuant to Rule 13.09 and Rule 13.10B of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited and the Inside Information Provisions under Part XIVA of the Securities and Futures Ordinance (Chapter 571, Laws of Hong Kong).

### **IMPORTANT NOTICE**

- (1) The board of directors and the supervisory committee of Huaneng Power International, Inc. (the “**Company**”) together with the members thereof and the senior management warrant that the information contained in this quarterly report does not contain any false statements, misleading representations or material omissions. All of them jointly and severally accept legal responsibility as to the truthfulness, accuracy and completeness of the content of this quarterly report.
- (2) All financial information set out in this quarterly report is unaudited and prepared in accordance with the PRC GAAP.
- (3) The legal representative, the person in charge of accounting function and the person in charge of the accounting department (the account officer) warrant the truthfulness, accuracy and completeness of the financial content of the quarterly report.
- (4) This announcement is made by the Company pursuant to Rule 13.09 and Rule 13.10B of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited and the Inside Information Provisions under Part XIVA of the Securities and Futures Ordinance (Chapter 571, Laws of Hong Kong).

## I. MAJOR FINANCIAL DATA

### (1) Major accounting data and financial indices

(Amounts: In RMB Yuan)

Items	For the quarter ended 30 September 2023	Variance from same period of last year (%)	For the nine months ended 30 September 2023	Variance from same period of last year (%)
Operating Revenue	65,289,446,465	(2.67)	191,321,713,923	4.01
Net profit attributable to equity holders of the Company	6,255,333,821	770.02	12,563,618,458	418.69
Net profit after deducting non-recurring profit or loss items attributable to equity holders of the Company	3,824,177,544	410.89	9,395,453,642	285.54
Net cash flows generated from operating activities	19,900,291,669	262.13	33,660,023,419	31.57
Basic earnings per share (RMB per share)	0.35	488.89	0.66	288.57
Diluted earnings per share (RMB per share)	0.35	488.89	0.66	288.57
Return on net assets (weighted average) (%)	10.95	increased by 13.66 percentage points	20.25	increased by 30.48 percentage points
	<b>End of current reporting period</b>		<b>End of last year</b>	<b>Variance from end of last year (%)</b>
Total Assets	<b>521,673,674,193</b>		<b>502,605,977,488</b>	<b>3.79</b>
Equity attributable to equity holders of the Company	<b>137,459,888,556</b>		<b>108,535,478,172</b>	<b>26.65</b>

Note: Equity attributable to equity holders of the Company includes other equity instruments.

## (2) Non-recurring items and amounts

(Amounts: In RMB Yuan)

Items	Total amount of current reporting period (July to September)	Total amount for the nine months ended 30 September 2023	Notes
Gains from disposal of non-current assets	1,996,311,614	2,097,786,902	Mainly included the investment income realized through the disposal of 49% equity of Huaneng Sichuan Energy Development Co., Ltd. (“Sichuan Company”).
Government grant recorded in income statement, excluding government grant closely related to the Company’s business and calculated according to national unified standards	238,715,736	927,775,812	Mainly included coal purchase subsidies, relocation subsidies, domestic equipment VAT refund, environmental protection subsidies, etc.
Reversal of impairment loss on receivables and contracted assets tested individually for impairment	358,188	2,238,737	
Profits and losses from entrusted loans	981,622	2,227,073	
Other non-operating income and expenses excluding the above items	(3,961,123)	10,588,992	
Other non-recurring items	237,257,920	289,488,223	Mainly included fees collected from entrusted management activities and income generated from conducting trusteeship management, and the gains from the disposal of a subsidiary.
Less: income tax impact	16,944,972	99,828,517	
Impact of non-controlling interests, net of tax	21,562,708	62,112,406	
Total	<u>2,431,156,277</u>	<u>3,168,164,816</u>	

Explanation of defining non-recurring profit or loss items listed in Explanatory Announcement No.1 on Information Disclosure for Companies Offering Their Securities to the Public Extraordinary Profit or Loss as recurring profit or loss items.

Applicable  Not applicable

The Company and its subsidiaries recognised extraordinary profit or loss items in accordance with the requirement of Explanatory Announcement No.1 on Information Disclosure for Companies Offering Their Securities to the Public Extraordinary Profit or Loss (CSRC announcement [2008] No. 43). The value-added tax levied immediately returned, refund of individual income tax handling fee and the profit realized from carbon emission trading were recognised as recurring profit, as they are closely related to the Company's normal business.

	<b>For the nine months ended 30 September 2023</b>	<b>Reason</b>
Value-added tax levied immediately returned, refund of individual income tax handling fee	105,739,680	Closely related to the normal business of the Company
Carbon emissions trading incomes	62,671,635	Closely related to the normal business of the Company



<b>Items</b>	<b>Fluctuation (%)</b>	<b>Reasons</b>
Net cash flows generated from operating activities (for the nine months ended 30 September 2023)	31.57	Mainly due to a significant decrease in fuel procurement expenditure, an increase in electricity sales revenue, and the combined impact of the decrease in renewable energy subsidies and value-added tax rebates received as compared with the same period of last year.
Basic earnings per share (for the nine months ended 30 September 2023)	288.57	The increase of basic earnings per share was mainly due to the comprehensive impact of the following three aspects: 1. the comprehensive impact of the decrease of domestic fuel prices and the increase in electricity sold as compared with the same period of last year; 2. business profit in Singapore increased significantly as compared with the same period of last year; 3. the increase in investment income realized from the disposal of 49% equity of Sichuan Company.
Basic earnings per share (for the quarter ended 30 September 2023)	488.89	The increase of basic earnings per share was mainly due to the comprehensive impact of the following two aspects: 1. the decrease of domestic fuel prices as compared with the same period of last year; 2. the increase in investment income realized from the disposal of 49% equity of Sichuan Company.
Diluted earnings per share (for the nine months ended 30 September 2023)	288.57	The increase of diluted earnings per share was mainly due to the comprehensive impact of the following three aspects: 1. the comprehensive impact of the decrease of domestic fuel prices and the increase in electricity sold as compared with the same period of last year; 2. business profit in Singapore increased significantly as compared with the same period of last year; 3. the increase in investment income realized from the disposal of 49% equity of Sichuan Company.

<b>Items</b>	<b>Fluctuation (%)</b>	<b>Reasons</b>
Diluted earnings per share (for the quarter ended 30 September 2023)	488.89	The increase of basic earnings per share was mainly due to the comprehensive impact of the following two aspects: 1. the decrease of domestic fuel prices as compared with the same period of last year; 2. the increase in investment income realized from the disposal of 49% equity of Sichuan Company.
Return on net assets (weighted average) (%) (for the nine months ended 30 September 2023)	Increased by 30.48 percentage points	The increase of net profit attributable to equity holders of the Company was mainly due to the comprehensive impact of the following three aspects: 1. the comprehensive impact of the decrease of domestic fuel prices and the increase in electricity sold as compared with the same period of last year; 2. business profit in Singapore increased significantly as compared with the same period of last year; 3. the increase in investment income realized from the disposal of 49% equity in Sichuan Company.
Return on net assets (weighted average) (%) (for the quarter ended 30 September 2023)	Increased by 13.66 percentage points	The increase of net profit attributable to equity holders of the Company was mainly due to the comprehensive impact of the following two aspects: 1. the decrease of domestic fuel prices as compared with the same period of last year; 2. the increase in investment income realized from the disposal of 49% equity of Sichuan Company.

<b>Items</b>	<b>Fluctuation (%)</b>	<b>Reasons</b>
<b>Items of Consolidated Statement of Financial Position</b>		
Notes receivable (as of the end of current reporting period)	(61.41)	Mainly due to the decrease in the settlement proportion of notes receivable received from regional power grid company by some subsidiaries during this period.
Construction-in-progress (as of the end of current reporting period)	31.79	Mainly due to the comprehensive impact of the investment in infrastructure and technical renovation project, as well as the conversion from CIP to fixed assets.
Derivative financial assets (as of the end of current reporting period)	730.55	Mainly due to the fluctuation in fair value changes of fuel hedging contracts and foreign exchange contracts held by Singapore as compared with the same period of last year.
Other receivables (as of the end of current reporting period)	115.81	Mainly refers to the portion of the consideration for disposal 49% equity of Sichuan Company that has not yet met the collection conditions by the end of the reporting period as stipulated in the contract.
Derivative financial liabilities (as of the end of current reporting period)	(59.15)	Mainly due to the fluctuation in fair value changes of fuel hedging contracts and foreign exchange contracts held by Singapore as compared with the same period of last year.
Notes payable (as of the end of current reporting period)	(39.21)	Mainly due to the repayment of notes payable after maturity.
Contract liabilities (as of the end of current reporting period)	(71.00)	Mainly due to the decrease of advance heating fees as the residential heating season ends.
Current portion of non-current liabilities (as of the end of current reporting period)	37.11	Mainly due to changes in the amount of non-current liabilities due within one year from the reclassification of maturing bonds.
Reserve funds (as of the end of current reporting period)	386.77	Mainly due to the increase in the amount of reserve funds accrued by the power plants of the subsidiaries of the Company based on last year's electricity sales revenue and the specified proportion.



<b>Items</b>	<b>Fluctuation (%)</b>	<b>Reasons</b>
Other comprehensive income (as of the end of current reporting period)	53.16	Mainly due to the comprehensive impact of changes in the fair value of fuel cash flow hedging instruments held by the subsidiary in Singapore, as well as the translation differences in foreign currency statements.
<b>Items of Consolidated Statement of Comprehensive Income</b>		
Research and development expenses (for the nine months ended 30 September 2023)	30.26	Mainly due to the continuous increase in investment in technology project research and development around the core business in 2023.
Investment income (for the nine months ended 30 September 2023)	240.24	Mainly due to the investment income realized from the disposal of 49% equity in Sichuan Company, which led to the increase of investment income as compared with the same period of last year.
Assets impairment loss (for the nine months ended 30 September 2023)	36,423.47	Mainly due to the accrual of provision for impairment of fixed assets as the result of the shutdown of the Huaneng Shandong Power Generation Co., Ltd. Baiyanghe Power Plant Branch, a subsidiary of the Company.
Income tax expense (for the nine months ended 30 September 2023)	1,509.80	Mainly due to the comprehensive impact of the decrease of domestic fuel prices and the increase in electricity sold, leading to the turning losses into profits of thermal power business, income tax expense increased as a result as compared with the same period of last year.
<b>Items of Consolidated Statement of Cash Flows:</b>		
Net cash flows generated from financing activities (for the nine months ended 30 September 2023)	183.66	Mainly due to the increase in net financing amount during this period as compared with the same period of last year.

(4) **The profits from the different segments in domestic:**

*(Unit: RMB100 million)*

	<b>Profit before tax</b>		<b>Fluctuation</b>
	For the nine months ended 30 September 2023	For the nine months ended 30 September 2022	
<b>The Company's domestic segments</b>			<b>(%)</b>
Coal-fired	<b>34.36</b>	<b>(119.13)</b>	<b>128.84</b>
Combined cycle	<b>7.02</b>	<b>3.70</b>	<b>89.76</b>
Wind-power	<b>46.90</b>	<b>44.22</b>	<b>6.06</b>
PV	<b>18.24</b>	<b>10.30</b>	<b>77.01</b>
Hydro-power	<b>0.31</b>	<b>0.68</b>	<b>(53.45)</b>
Biomass power	<b>(0.20)</b>	<b>(0.64)</b>	<b>69.21</b>

*Note:* The segment data are directly summarized from power generation business without elimination.

## II. SHAREHOLDER INFORMATION

### (1) Total number of shareholders of ordinary shares and shareholders of preference shares with restored voting rights and shareholdings of the top ten shareholders

*Unit: share*

Total number of ordinary shareholders at the end of the reporting period	79,994	Total number of preference shareholders whose voting rights have been restored at the end of the reporting period (if any)				-
<b>Shareholdings of the top ten shareholders</b>						
Name of shareholders	Nature of shareholders	Number of shares held	Percentage of shareholding (%)	Number of shares held with selling restriction	Shares pledged, marked or frozen	
					Status of shares	Number
Huaneng International Power Development Corporation	State-owned entity	5,066,662,118	32.28	-	Nil	-
HKSCC Nominees Limited	Foreign entity	4,197,334,940	26.74	-	Nil	-
China Huaneng Group Co., Ltd.	State-owned entity	1,555,124,549	9.91	-	Nil	-
Hebei Construction & Investment Group Co., Ltd.	State-owned entity	493,316,146	3.14	-	Nil	-
China Hua Neng Group Hong Kong Limited	Foreign entity	472,000,000	3.01	-	Nil	-
China Securities Finance Corporation Limited	State-owned entity	466,953,720	2.97	-	Nil	-
Dalian State Owned Capital Management and Operation Co., Ltd.	State-owned entity	301,500,000	1.92	-	pledged	100,000,000
Jiangsu Guoxin Investment Group Limited	State-owned entity	258,452,600	1.65	-	Nil	-
Liaoning Energy Investment (Group) Limited Liability Company	State-owned entity	244,205,000	1.56	-	Nil	-
Hong Kong Securities Clearing Company Limited	Other	154,643,425	0.99	-	Nil	-

Shareholdings of the top ten shareholders whose shares are not subject to selling restrictions			
Name of shareholders	Number of shares in circulation without any selling restrictions	Type and number of shares	
		Type	Number
Huaneng International Power Development Corporation	5,066,662,118	RMB denominated ordinary shares	5,066,662,118
HKSCC Nominees Limited	4,197,334,940	Overseas listed foreign invested shares	4,197,334,940
China Huaneng Group Co., Ltd.	1,555,124,549	RMB denominated ordinary shares	1,555,124,549
Hebei Construction & Investment Group Co., Ltd.	493,316,146	RMB denominated ordinary shares	493,316,146
China Hua Neng Group Hong Kong Limited	472,000,000	Overseas listed foreign invested shares	472,000,000
China Securities Finance Corporation Limited	466,953,720	RMB denominated ordinary shares	466,953,720
Dalian State Owned Capital Management and Operation Co., Ltd.	301,500,000	RMB denominated ordinary shares	301,500,000
Jiangsu Guoxin Investment Group Limited	258,452,600	RMB denominated ordinary shares	258,452,600
Liaoning Energy Investment (Group) Limited Liability Company	244,205,000	RMB denominated ordinary shares	244,205,000
Hong Kong Securities Clearing Company Limited	154,643,425	RMB denominated ordinary shares	154,643,425
Details relating to the related relationship of the above shareholders or the parties acting in concert	Among the above shareholders, China Huaneng Group Co., Ltd., Huaneng International Power Development Corporation and China Hua Neng Group Hong Kong Limited are regarded as parties acting in concert under the “Management Rules on Acquisition of Listing Companies”. The Company is not aware any related relationship among other shareholders.		
Description of the top 10 shareholders and the top 10 unrestricted shareholders participating in margin trading and securities lending and refinancing business (if any)	-		

### III. OTHER REMINDERS

Other important information about the operation of the Company during the reporting period that needs to be reminded of investors

Applicable  Not applicable

#### IV. QUARTERLY FINANCIAL STATEMENTS

(1) **Type of Audit Opinion**

Applicable  Not applicable

(2) **Financial Statements**

**HUANENG POWER INTERNATIONAL, INC.**  
**UNAUDITED CONSOLIDATED STATEMENT OF FINANCIAL POSITION**  
**(PRC GAAP)**

*AS AT 30 September 2023*

*Amounts: In RMB Yuan, Except as noted*

<b>ASSETS</b>	<b>30 September 2023</b>	31 December 2022
<b>CURRENT ASSETS</b>		
Bank balances and cash	<b>18,754,321,967</b>	17,175,574,864
Derivative financial assets	<b>332,200,065</b>	44,924,620
Notes receivable	<b>1,077,520,402</b>	2,792,246,328
Accounts receivable	<b>42,320,722,457</b>	39,862,085,587
Advances to suppliers	<b>6,770,818,933</b>	6,611,137,958
Other receivables	<b>5,899,110,620</b>	2,733,479,058
Inventories	<b>10,799,171,045</b>	12,701,907,834
Contract assets	<b>30,905,199</b>	68,737,931
Current portion of non-current assets	<b>953,660,988</b>	761,751,735
Other current assets	<b><u>4,385,842,068</u></b>	<u>3,970,015,612</u>
<b>Total current assets</b>	<b><u>91,324,273,744</u></b>	<u>86,721,861,527</u>

<b>ASSETS (CONTINUED)</b>	<b>30 September 2023</b>	31 December 2022
<b>NON-CURRENT ASSETS:</b>		
Derivative financial assets	<b>70,572,151</b>	3,570,251
Long-term receivables	<b>8,524,232,464</b>	8,814,701,666
Long-term equity investments	<b>23,038,730,216</b>	23,898,397,315
Other equity instrument investments	<b>708,069,699</b>	708,911,827
Investment properties	<b>615,867,209</b>	632,564,610
Fixed assets	<b>291,377,461,618</b>	289,311,617,068
Construction-in-progress	<b>56,838,282,366</b>	43,127,554,372
Right-of-use assets	<b>7,318,349,608</b>	7,409,635,065
Intangible assets	<b>14,739,702,220</b>	14,698,756,552
Goodwill	<b>11,685,406,976</b>	11,519,291,571
Long-term deferred expenses	<b>317,009,762</b>	264,953,803
Deferred tax assets	<b>5,254,636,640</b>	6,322,054,598
Other non-current assets	<b>9,861,079,520</b>	9,172,107,263
<b>Total non-current assets</b>	<b>430,349,400,449</b>	415,884,115,961
<b>TOTAL ASSETS</b>	<b><u>521,673,674,193</u></b>	<b><u>502,605,977,488</u></b>

<b>LIABILITIES AND EQUITY</b>	<b>30 September 2023</b>	31 December 2022
<b>CURRENT LIABILITIES:</b>		
Short-term loans	<b>66,440,160,793</b>	83,573,496,799
Derivative financial liabilities	<b>96,669,279</b>	417,237,322
Notes payable	<b>1,985,449,583</b>	3,265,922,222
Accounts payable	<b>16,785,384,837</b>	21,101,771,157
Contract liabilities	<b>971,178,193</b>	3,348,827,601
Salary and welfare payables	<b>1,264,707,880</b>	1,120,477,807
Taxes payable	<b>1,925,899,373</b>	1,647,373,400
Other payables	<b>30,767,025,424</b>	29,063,322,464
Current portion of non-current liabilities	<b>28,715,972,703</b>	20,943,358,363
Other current liabilities	<b>5,856,449,083</b>	<u>6,851,558,611</u>
<b>Total current liabilities</b>	<b><u>154,808,897,148</u></b>	<u>171,333,345,746</u>
<b>NON-CURRENT LIABILITIES:</b>		
Long-term loans	<b>166,239,725,738</b>	151,677,525,923
Derivative financial liabilities	<b>174,132,175</b>	245,613,394
Bonds payable	<b>30,389,361,984</b>	39,062,046,604
Lease liabilities	<b>5,603,138,846</b>	5,257,714,990
Long-term payables	<b>888,088,291</b>	1,088,686,293
Long-term employee benefits payable	<b>37,346,991</b>	38,093,528
Provision	<b>20,281,547</b>	45,321,367
Deferred income	<b>1,792,323,280</b>	2,111,738,642
Deferred income tax liabilities	<b>1,311,480,549</b>	1,086,765,434
Other non-current liabilities	<b>4,031,754,550</b>	<u>4,115,074,818</u>
<b>Total non-current liabilities</b>	<b><u>210,487,633,951</u></b>	<u>204,728,580,993</u>
<b>TOTAL LIABILITIES</b>	<b><u>365,296,531,099</u></b>	<u>376,061,926,739</u>

<b>LIABILITIES AND EQUITY (CONTINUED)</b>	<b>30 September 2023</b>	31 December 2022
<b>EQUITY</b>		
Share capital	<b>15,698,093,359</b>	15,698,093,359
Other equity instruments	<b>79,688,324,096</b>	62,083,704,204
Capital surplus	<b>16,644,609,250</b>	16,607,608,488
Other comprehensive income	<b>(407,311,553)</b>	(869,502,790)
Reserve funds	<b>614,621,368</b>	126,264,572
Surplus reserves	<b>8,186,274,738</b>	8,186,274,738
Retained earnings	<b><u>17,035,277,298</u></b>	<u>6,703,035,601</u>
<b>Equity attributable to equity holders of the Company</b>	<b>137,459,888,556</b>	108,535,478,172
<b>Non-controlling interests</b>	<b><u>18,917,254,538</u></b>	<u>18,008,572,577</u>
<b>Total equity</b>	<b><u>156,377,143,094</u></b>	<u>126,544,050,749</u>
<b>TOTAL LIABILITIES AND EQUITY</b>	<b><u><u>521,673,674,193</u></u></b>	<u><u>502,605,977,488</u></u>

*Legal representative:*  
Wang Kui

*Person in charge of  
accounting function:*  
Huang Lixin

*Person in charge of  
accounting department:*  
Wei Zhongqian



**HUANENG POWER INTERNATIONAL, INC.**  
**UNAUDITED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME**  
**(PRC GAAP)**

*FOR THE NINE MONTHS ENDED 30 SEPTEMBER 2023*

*Amounts: In RMB Yuan, Except as noted*

	<b>For the nine months ended</b>	
	<b>30 September</b>	
	<b>2023</b>	<b>2022</b>
<b>Operating revenue</b>	<b>191,321,713,923</b>	183,952,785,144
Less: Operating cost	<b>166,717,800,970</b>	179,293,017,304
Tax and levies on operation	<b>1,188,592,351</b>	1,042,761,814
Selling expenses	<b>192,735,559</b>	167,186,132
General and administrative expenses	<b>4,127,720,936</b>	3,729,506,620
Research and development expenses	<b>875,836,788</b>	672,375,635
Financial expenses	<b>6,734,639,891</b>	7,265,000,774
Add: Other income	<b>1,030,073,579</b>	1,212,342,296
Investment income	<b>3,524,723,383</b>	1,035,963,546
Including: Investment income from associates and joint ventures	<b>1,317,633,658</b>	1,022,405,383
Credit loss	<b>(58,712,223)</b>	(70,641,712)
Assets impairment loss	<b>(81,521,854)</b>	(223,204)
Gains on disposal of assets	<b>86,570,687</b>	107,410,962
	<hr/>	<hr/>
<b>Operating profit/(loss)</b>	<b>15,985,521,000</b>	(5,932,211,247)
Add: Non-operating income	<b>181,920,415</b>	321,452,291
Less: Non-operating expenses	<b>100,729,342</b>	60,122,087
	<hr/>	<hr/>
<b>Profit/(loss) before tax</b>	<b>16,066,712,073</b>	(5,670,881,043)
Less: Income tax expense	<b>2,612,804,084</b>	(185,331,699)
	<hr/>	<hr/>
<b>Net profit/(loss)</b>	<b>13,453,907,989</b>	(5,485,549,344)
	<hr/>	<hr/>
(1) Classification according to the continuity of operation		
Continuing operating net profit/(loss)	<b>13,453,907,989</b>	(5,485,549,344)
	<hr/>	<hr/>
(2) Classification according to ownership		
Equity holders of the Company	<b>12,563,618,458</b>	(3,942,298,192)
Non-controlling interests	<b>890,289,531</b>	(1,543,251,152)
	<hr/>	<hr/>

	<b>For the nine months ended</b>	
	<b>30 September</b>	
	<b>2023</b>	<b>2022</b>
<b>Earnings per share (expressed in RMB per share)</b>		
– Basic earnings/(losses) per share	<b>0.66</b>	(0.35)
– Diluted earnings/(losses) per share	<b>0.66</b>	(0.35)
	<u><b>93,531,191</b></u>	<u>(840,055,123)</u>
<b>Other comprehensive income, net of tax</b>		
Other comprehensive income/(loss) attributed to equity holders of the Company, net of tax	<u><b>476,026,685</b></u>	<u>(528,272,566)</u>
Other comprehensive loss that may not be reclassified to profit or loss	<b>(53,116,251)</b>	(30,141,504)
Share of other comprehensive loss of the equity-accounted investee that may not be reclassified to profit or loss	<b>(57,428,868)</b>	(30,652,704)
Gains arising from changes in fair value of other equity instrument investments	<b>4,312,617</b>	511,200
Other comprehensive income/(loss) that may be reclassified to profit or loss	<b>529,142,936</b>	(498,131,062)
Share of other comprehensive income of investees accounted for under the equity method	<b>14,717,946</b>	31,773,574
Effective portion of cash flow hedges	<b>588,230,558</b>	(868,388,686)
Translation differences of the financial statements of foreign operations	<b>(73,805,568)</b>	338,484,050
Other comprehensive loss attributable to non-controlling interests, net of tax	<u><b>(382,495,494)</b></u>	<u>(311,782,557)</u>
<b>Total comprehensive income/(loss)</b>	<u><b>13,547,439,180</b></u>	<u>(6,325,604,467)</u>
Equity holders of the Company	<b>13,039,645,143</b>	(4,470,570,758)
Non-controlling interests	<u><b>507,794,037</b></u>	<u>(1,855,033,709)</u>

*Legal representative:*  
Wang Kui

*Person in charge of  
accounting function:*  
Huang Lixin

*Person in charge of  
accounting department:*  
Wei Zhongqian

**HUANENG POWER INTERNATIONAL, INC.**  
**UNAUDITED CONSOLIDATED STATEMENT OF CASH FLOWS (PRC GAAP)**  
**FOR THE NINE MONTHS ENDED 30 SEPTEMBER 2023**

*Amounts: In RMB Yuan, Except as noted*

	<b>For the nine months ended</b>	
	<b>30 September</b>	
	<b>2023</b>	<b>2022</b>
<b>Cash flows generated from operating activities</b>		
Cash received from sales of goods and services rendered	<b>213,388,323,953</b>	208,590,147,919
Cash received from return of taxes and fees	<b>1,193,132,128</b>	5,167,998,507
Other cash received relating to operating activities	<b><u>860,920,923</u></b>	<u>779,576,239</u>
<b>Sub-total of cash inflows of operating activities</b>	<b><u>215,442,377,004</u></b>	<u>214,537,722,665</u>
Cash paid for goods and services received	<b>161,865,731,041</b>	172,122,850,443
Cash paid to and on behalf of employees	<b>11,933,860,239</b>	10,723,123,051
Payments of taxes	<b>6,458,876,439</b>	5,057,819,433
Other cash paid relating to operating activities	<b><u>1,523,885,866</u></b>	<u>1,050,920,603</u>
<b>Sub-total of cash outflows of operating activities</b>	<b><u>181,782,353,585</u></b>	<u>188,954,713,530</u>
<b>Net cash flows generated from operating activities</b>	<b><u><u>33,660,023,419</u></u></b>	<u><u>25,583,009,135</u></u>
<b>Cash flows generated from investing activities</b>		
Proceeds from disposal of an investment	<b>2,149,534,633</b>	–
Cash received on investment income	<b>580,563,368</b>	464,813,669
Proceeds from disposal of fixed assets, intangible assets and other non-current assets	<b>513,163,570</b>	363,882,773
Other cash received relating to investing activities	<b><u>4,962</u></b>	<u>97,613,195</u>
<b>Sub-total of cash inflows of investing activities</b>	<b><u>3,243,266,533</u></b>	<u>926,309,637</u>
Payment for the purchase of fixed assets, intangible assets and other non-current assets	<b>36,732,088,140</b>	23,191,469,305
Cash paid for investments	<b>452,171,399</b>	62,150,000
Net cash paid for acquiring subsidiaries and other business units	–	40,918,654

	<b>For the nine months ended 30 September</b>	
	<b>2023</b>	<b>2022</b>
Other cash paid relating to investing activities	<u>64,829,897</u>	<u>–</u>
<b>Sub-total of cash outflows of investing activities</b>	<u><b>37,249,089,436</b></u>	<u>23,294,537,959</u>
<b>Net cash flows used in investing activities</b>	<u><b>(34,005,822,903)</b></u>	<u><b>(22,368,228,322)</b></u>
<b>Cash flows generated from financing activities</b>		
Cash received from investments	<b>34,721,656,645</b>	6,464,924,040
Including: cash received from non-controlling interests of subsidiaries	<b>735,620,163</b>	1,464,924,040
Cash received from borrowings	<b>113,760,007,069</b>	154,061,602,919
Cash received from bonds	<b>56,894,089,825</b>	34,400,000,000
Other cash received relating to financing activities	<u>–</u>	<u>61,044,606</u>
<b>Sub-total of cash inflows of financing activities</b>	<u><b>205,375,753,539</b></u>	<u>194,987,571,565</u>
Repayments of borrowings	<b>174,654,979,649</b>	185,684,129,431
Repayments of other equity instruments	<b>17,000,000,000</b>	2,500,000,000
Payments for dividends, profit or interest expenses	<b>9,529,601,501</b>	9,020,749,398
Including: dividends and profit paid to non-controlling interests of subsidiaries	<b>231,200,982</b>	1,052,995,455
Other cash paid relating to financing activities	<u><b>1,983,042,037</b></u>	<u>422,046,201</u>
<b>Sub-total of cash outflows of financing activities</b>	<u><b>203,167,623,187</b></u>	<u>197,626,925,030</u>
<b>Net cash flows generated from/(used in) financing activities</b>	<u><b>2,208,130,352</b></u>	<u><b>(2,639,353,465)</b></u>
<b>Effect of exchange rate fluctuations on cash and cash equivalents held</b>	<u><b>(334,458,981)</b></u>	<u>62,727,297</u>
<b>Net increase in cash and cash equivalents</b>	<b>1,527,871,887</b>	638,154,645
Add: cash and cash equivalents at beginning of period	<u><b>16,517,108,301</b></u>	<u>15,554,825,027</u>
<b>Cash and cash equivalents at end of period</b>	<u><b>18,044,980,188</b></u>	<u><b>16,192,979,672</b></u>

*Legal representative:*

Wang Kui

*Person in charge of  
accounting function:*

Huang Lixin

*Person in charge of  
accounting department:*

Wei Zhongqian

**Adjustments of financial statements at the beginning of the year in which the new accounting standards were implemented for the first time since 2023**

Applicable     Not applicable

***Explanation of reasons for retrospective adjustment or restatement***

On 30 November 2022, the Ministry of Finance issued the “Interpretation of Accounting Standards for Business Enterprises No. 16 (Cai Kuai [2022] No. 31, hereinafter referred to as the “Interpretation No. 16”), of which “the accounting treatment that deferred income tax related to assets and liabilities arising from a single transaction is not subject to the initial recognition exemption” shall be applied from 1 January 2023. The Company has implemented the requirement of the Interpretation No. 16 since 1 January 2023. At the beginning of the earliest period for the disclosed financial statements for the first adoption of Interpretation No. 16, the deferred income tax assets and deferred income tax liabilities are respectively recognized for the lease liabilities and the right-of-use assets involved in a single transaction. The net amount of deferred tax assets and liabilities after offsetting equals to the amount previously recognized on a net basis. There is no effect on consolidated balance sheet items shown on a net basis.

By Order of the Board  
**Huaneng Power International, Inc.**  
**Huang Chaoquan**  
*Company Secretary*

As of the date of the announcement, the directors of the Company are:

Wang Kui (*Executive Director*)

Huang Jian (*Non-executive Director*)

Lu Fei (*Non-executive Director*)

Teng Yu (*Non-executive Director*)

Mi Dabin (*Non-executive Director*)

Cheng Heng (*Non-executive Director*)

Li Haifeng (*Non-executive Director*)

Lin Chong (*Non-executive Director*)

Xu Mengzhou (*Independent Non-executive Director*)

Liu Jizhen (*Independent Non-executive Director*)

Xu Haifeng (*Independent Non-executive Director*)

Zhang Xianzhi (*Independent Non-executive Director*)

Xia Qing (*Independent Non-executive Director*)

Beijing, the PRC

25 October 2023