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

(Stock Code: 902)

FIRST QUARTERLY REPORT OF 2024

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", "Huaneng International") 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 responsibility as to the truthfulness, accuracy and completeness of the content of this 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, person in charge of accounting function and person in charge of the accounting department warrant the truthfulness, accuracy and completeness of the content of the quarterly report.
- (4) This announcement is made by the Company pursuant to Rule 13.09 and Rules 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)

Variance from

Items		For the quarter ended 31 March 2024	equivalent period of last year (%)
Operating Revenue Net profit attributable to equity holders of	of the Company	65,366,884,717 4,596,138,134	0.15 104.25
Net profit after deducting non-recurring pattributable to equity holders of the Co	profit or loss items	4,377,496,954	117.98
Net cash flows generated from operating	= -	12,142,578,592	97.81
Basic earnings per share (RMB per share	0.25	150.00	
Diluted earnings per share (RMB per share)		0.25	150.00
Return on net assets (weighted average) (%)		7.07	increased
			3.73 percentage
			points
			Variance from
	End of current reporting period	End of last year	end of last year (%)
Total Assets Equity attributable to equity holders of	545,424,371,101	541,159,281,130	0.79
the Company	136,282,669,898	132,138,663,588	3.14

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 (January to March)	Notes
Gains from disposal of non-current assets, including the write-off of the impairment on assets	335,225	
Government grants recognised in profit or loss for the current period (except for government grants that are closely related to normal business operations, comply with national policies and regulations, are enjoyed according to determined standards, and have a sustained impact on profit or loss)	258,503,862	Mainly included coal purchase subsidies, domestic equipment VAT refund, environmental protection subsidies, heat supply subsidies, etc.
Profit or loss on investment or management of assets entrusted to others	(3,729,500)	
Profits from entrusted loans	942,915	
Reversal of impairment loss on receivables tested individually for impairment	118,939	
Income from custodian fees obtained from entrusted operations	13,929,465	
Other non-operating income and expenses excluding the above items	3,929,006	
Other non-recurring items	156,300	
Less: Income Tax impact	16,198,585	
Impact of non-controlling interests, net of tax	39,346,447	
Total	218,641,180	

Note 1: The Company and its subsidiaries recognised non-recurring 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-Non-recurring Profit and Loss (CSRC announcement [2023] No. 65).

When items not listed in the Explanatory Announcement No. 1 on Information Disclosure of Companies Offering Their Securities to the Public – Non-recurring Profit and Loss are recognised as non-recurring profit and loss items with significant amounts, and non-recurring profit and loss items listed in the Explanatory Announcement No. 1 on Information Disclosure of Companies Offering Their Securities to the Public – Non-recurring Profit and Loss are recognised as recurring profit and loss items, the reasons should be explained.

✓ Applicable		
Items	Amount involved	(Amounts: In RMB Yuan) Reason
Value-added tax levied immediately returned, refund of individual income tax handling fee	46,905,381	Closely related to the normal business of the Company
Carbon emissions quota trading fees	17,990,954	Closely related to the normal business of the Company

Disclosure as to, and reasons for, material changes in accounting data and financial indices ✓ Applicable Not applicable **Fluctuation** Item (%) Reasons Items of Major Accounting Data and Financial Indices: Operating revenue 0.15 mainly due to domestic business power generation 104.25 mainly due to the year-on-year decline in unit fuel costs Net profit attributable to equity holders of the Company and the year-on-year increase in electricity consumption in the domestic business. 117.98 mainly due to the year-on-year decline in unit fuel costs Net profit after deducting nonand the year-on-year increase in electricity consumption recurring profit or loss items in the domestic business. attributable to equity holders of the Company Basic earnings per share mainly due to the year-on-year decline in unit fuel costs 150.00 and the year-on-year increase in electricity consumption in the domestic business. Diluted earnings per share mainly due to the year-on-year decline in unit fuel costs 150.00 and the year-on-year increase in electricity consumption in the domestic business. **Items of Consolidated Statement of Financial Position:** mainly due to changes in the fair value of fuel contracts Derivative financial assets 432.28 and foreign exchange contracts held by Sinosing. 0.77 mainly due to an increase in electricity receivables Accounts receivable (including subsidies for renewable energy). mainly due to the combined effects of investment income Long-term equity investments 2.52 and additional investment in associates and joint ventures. Fixed assets (0.65) mainly due to the combined effects of the fact that construction-in-progress transferred into fixed assets and the depreciation of fixed assets. 6.29 mainly due to the combined effects of new investments Construction-in-progress in infrastructure construction and the fact that construction-in-progress transferred into fixed assets in renewable energy sector. Short-term loans mainly due to an increase in credit borrowings. 9.83

(3)

Flu	ctuation	
Item	(%)	Reasons
Accounts payable	(3.48)	mainly due to the decrease in coal price leading to the decrease in payables of fuel.
Contract liabilities	(75.85)	mainly due to the reduction on pre-collected heating fees since the end of the heating season.
Current portion of non-current liabilities	37.36	mainly due to an increase in long-term loans and bonds payable maturing within one year.
Other current liabilities	(57.60)	mainly due to the decrease in short-term bonds.
Long-term loans	(3.23)	mainly due to the decrease in credit borrowing.
Bonds payable	(17.64)	mainly due to the combined effects of the year-on-year decrease in bond issuance and the repayment of bonds during the period.
Items of Consolidated Statement of Con	prehensiv	ve Income:
Operating cost	(6.53)	mainly due to the decrease in coal purchase cost.
Investment income	64.56	mainly due to the increase in net profit of associates and joint ventures.
Income tax expense	74.52	mainly due to the increase in profit before tax.
Items of Consolidated Statement of Cash	h Flows:	
Net cash flows generated from operating activities	97.81	mainly due to decrease of coal procurement, while revenue from electricity sales rose.
Net cash flows generated from financing activities	(69.90)	mainly due to a decrease in the net financing amount for this period.

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

(Unit: RMB100 million)

The Company's domestic segments	Profit before ta for the first quan	Fluctuation (%)	
	2024	2023	
Coal-fired	28.25	(0.70)	4,151.44
Combined cycle	5.36	3.26	64.34
Wind-power	24.14	19.25	25.41
PV	3.70	3.45	6.99
Hydro-power	0.05	(0.18)	127.22
Biomass power	(0.05)	(0.04)	(35.69)

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

II. SHAREHOLDER INFORMATION

(1) Total number of shareholders holding ordinary shares and shareholders holding 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	64,299		f preference shareh ave been restored at d (if any)			-
Share	holdings of the top	ten shareholders (e	xcluding shares lent	through securities	lending and refinancing	g)
			D	Number of	Shares pledged, mai	ked or frozen
Name of shareholders	Nature of shareholders	Number of shares held	Percentage of shareholding (%)	shares held with selling restriction	Status of shares	Number
Huaneng International Power Development Corporation	State-owned entity	5,066,662,118	32.28	-	Nil	-
HKSCC Nominees Limited	Foreign entity	4,204,064,330	26.78	-	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	301,268,100	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	158,813,121	1.01	-	Nil	-

	Number of shares in circulation without	Type and number of shares		
Name of shareholders	any selling restrictions	Туре	Number	
Huaneng International Power Development Corporation	5,066,662,118	RMB denominated ordinary shares	5,066,662,118	
HKSCC Nominees Limited	4,204,064,330	Overseas listed foreign invested shares	4,204,064,330	
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.	301,268,100	RMB denominated ordinary shares	301,268,100	
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	158,813,121	RMB denominated ordinary shares	158,813,121	
Details relating to the related relationship of the above shareholders or the parties acting in concert	Among the above shareholders, China Huaneng Gr Development Corporation and China Hua Neng Group H in concert under the "Management Rules on Acquisitio aware any related relationship among other shareholders.	ong Kong Limited are reg	garded as parties acting	
Description of the top 10 shareholders and the top 10 unrestricted shareholders participating in margin trading and securities lending and refinancing business (if any)	As of 31 March 2024, among the above shareholders, Operation Co., Ltd. lent 231,900 RMB denominated or refinancing.			

								Un	it: share
	Information on shareholde	· ·		, .		e top 10 sharehold nd refinancing bus	· ·	s in circulation w	ithout selling
	Name of shareholders	Shareholdings in ordinary account and credit account at the beginning of the reporting period		account and credit account lending and refinancing at the beginning of the the beginning of reporting		Shareholdings in ordinary account and credit account at the end of the reporting period		The outstanding shares lent through securities lending and refinancing at the end of reporting period	
		Aggregate number of shares	Percentage (%)	Aggregate number of shares	Percentage (%)	Aggregate number of shares	Percentage (%)	Aggregate number of shares	Percentage (%)
	Dalian State-owned Capital Management and Operation Co., Ltd.	301,500,000	1.921	0	0	301,268,100	1.919	231,900	0.0015
III.	Changes in the restrictions from lending and refined Applicable OTHER REMINDE	n the previ	ous perio	d due to	-				
	Other important information that needs to be remined			operation	of the C	ompany d	luring the	reportin	g period
	Applicable 🗸	Not applic	able						
	QUARTERLY FINA	ANCIAL S	STATEM	ENTS					
V.	QUARTERET FINA								

Information on shareholders holding more than 5% of the shares, the top 10 shareholders and the top 10 shareholders holding shares in circulation without selling restrictions who

(2) Financial Statements

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

As AT 31 MARCH 2024

	Amounts: In RMB Yu		
ASSETS	31 March 2024	31 December 2023	
CURRENT ASSETS			
Bank balances and cash	20,778,929,544	16,849,857,588	
Derivative financial assets	280,686,086	59,411,429	
Notes receivable	1,089,192,591	1,314,424,996	
Accounts receivable	46,180,042,174	45,826,247,629	
Advances to suppliers	6,319,460,061	5,854,235,209	
Other receivables	3,029,893,973	3,035,729,523	
Inventories	9,973,767,566	11,899,338,744	
Contract assets	45,463,243	44,583,327	
Current portion of non-current assets	998,232,989	967,099,969	
Other current assets	4,997,221,628	4,893,229,603	
Total current assets	93,692,889,855	90,744,158,017	
NON-CURRENT ASSETS			
Derivative financial assets	38,826,912	615,882	
Long-term receivables	7,889,751,733	8,020,442,502	
Long-term equity investments	23,257,404,480	22,685,483,806	
Other equity instrument investments	642,923,145	642,923,145	
Investment property	627,333,226	626,239,002	
Fixed assets	305,865,386,184	307,866,954,810	
Construction-in-progress	61,427,161,597	57,790,311,817	
Right-of-use assets	8,646,447,687	8,759,810,814	
Intangible assets	15,769,100,475	15,681,758,011	
Goodwill	11,425,662,590	11,644,121,651	
Long-term deferred expenses	301,983,097	309,517,930	
Deferred income tax assets	4,063,208,201	4,401,901,897	
Other non-current assets	11,776,291,919	11,985,041,846	
Total non-current assets	451,731,481,246	450,415,123,113	
TOTAL ASSETS	545,424,371,101	541,159,281,130	

LIABILITIES AND EQUITY	31 March 2024	31 December 2023
CURRENT LIABILITIES		
Short-term loans	62,857,106,543	57,232,728,572
Derivative financial liabilities	106,414,933	240,176,586
Notes payable	2,567,598,459	3,514,276,880
Accounts payable	18,385,572,904	19,048,631,159
Contract liabilities	816,427,176	3,380,245,056
Salary and welfare payables	1,211,932,447	1,096,011,494
Taxes payable	2,107,805,164	2,363,028,117
Other payables	35,371,934,302	36,110,778,139
Current portion of non-current liabilities	47,068,996,154	34,267,118,717
Other current liabilities	2,862,446,277	6,746,359,453
Total current liabilities	173,356,234,359	163,999,354,173
NON-CURRENT LIABILITIES		
Long-term loans	157,106,227,027	162,347,839,035
Derivative financial liabilities	193,185,292	454,637,261
Bonds payable	23,091,023,437	28,038,374,416
Lease liabilities	6,090,275,738	6,158,440,649
Long-term payables	1,239,025,411	1,312,844,826
Long-term employee benefits payable	26,527,691	26,680,842
Provision	92,192,011	94,605,784
Deferred income	1,843,777,319	1,961,100,142
Deferred income tax liabilities	1,473,866,951	1,284,155,172
Other non-current liabilities	4,071,953,904	4,118,687,277
Total non-current liabilities	195,228,054,781	205,797,365,404
TOTAL LIABILITIES	368,584,289,140	369,796,719,577
EQUITY		
Share capital	15,698,093,359	15,698,093,359
Other equity instruments	79,447,623,091	79,626,168,981
Including: perpetual debt	79,447,623,091	79,626,168,981
Capital surplus	16,486,829,278	16,500,630,621

LIABILITIES AND EQUITY (CONTINUED)	31 March 2024	31 December 2023
Other comprehensive income	(384,559,566)	(589,566,809)
Special reserves	743,285,076	479,263,814
Surplus reserves	8,186,274,738	8,186,274,738
Undistributed profits	16,105,123,922	12,237,798,884
Equity attributable to equity holders of the Company	136,282,669,898	132,138,663,588
Non-controlling interests	40,557,412,063	39,223,897,965
Total equity	176,840,081,961	171,362,561,553
TOTAL LIABILITIES AND EQUITY	545,424,371,101	541,159,281,130

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 FIRST QUARTER ENDED 31 MARCH 2024

2024	2023
2024	2023
666,884,717	65,269,368,192
660,145,929	58,690,863,976
93,460,580	380,431,736
47,604,202	49,664,168
78,989,937	1,303,866,972
05,855,654	195,404,840
47,557,821	2,127,026,784
05,165,792	299,790,454
81,223,788	231,666,975
80,929,444	230,707,875
(8,660,464)	1,300,442
32,287	(58,888)
54,823	673,784
11,086,820	3,055,482,483
38,123,247	90,858,842

Amounts: In RMB Yuan

For the first quarter

	2021	2023
Operating revenue	65,366,884,717	65,269,368,192
Less: Operating cost	54,860,145,929	58,690,863,976
Tax and levies on operation	493,460,580	380,431,736
Selling expenses	47,604,202	49,664,168
General and administrative expenses	1,378,989,937	1,303,866,972
Research and development expenses	205,855,654	195,404,840
Financial expenses	2,047,557,821	2,127,026,784
Add: Other income	305,165,792	299,790,454
Investment income	381,223,788	231,666,975
Including: Investment income from associates and joint ventures	380,929,444	230,707,875
Credit loss	(8,660,464)	1,300,442
Asset impairment loss	32,287	(58,888)
Gain on disposal of assets	54,823	673,784
Operating profit	7,011,086,820	3,055,482,483
Add: Non-operating income	38,123,247	90,858,842
Less: Non-operating expenses	50,856,470	17,071,253
Profit before tax	6,998,353,597	3,129,270,072
Less: Income tax expense	1,161,037,239	665,283,102
Net profit	5,837,316,358	2,463,986,970
(1) Classification according to the continuity of operation		
Continuing operations net profit	5,837,316,358	2,463,986,970
(2) Classification according to ownership		
Equity holders of the Company	4,596,138,134	2,250,283,365
Non-controlling interests	1,241,178,224	213,703,605
Earnings per share (based on the net profit attributable to equity		
holders of the Company) (expressed in RMB per share)		
 Basic earnings per share 	0.25	0.10
 Diluted earnings per share 	0.25	0.10

	For the first quarter	
	2024	2023
Other comprehensive income, net of tax	300,171,960	(645,043,724)
Other comprehensive income attributed to equity holders of the Company, net of tax	205,007,243	(148,352,246)
Other comprehensive income that will not be reclassified to profit or loss Share of other comprehensive income of joint ventures and	3,951,119	3,708,505
associates	3,951,119	(604,112)
Fair value changes of other equity instrument investments	_	4,312,617
Other comprehensive that will be reclassified to profit or loss Share of other comprehensive income of joint ventures and	201,056,124	(152,060,751)
associates	(1,066,382)	(2,078,002)
Effective portion of cash flow hedges	430,243,588	189,826,727
Exchange differences on translation of foreign operations Other comprehensive income attributable to	(228,121,082)	(339,809,476)
non-controlling interests, net of tax	95,164,717	(496,691,478)
Total comprehensive income	6,137,488,318	1,818,943,246
Equity holders of the Company	4,801,145,377	2,101,931,119
Non-controlling interests	1,336,342,941	(282,987,873)

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 FIRST QUARTER ENDED 31 MARCH 2024

	Amounts: In RMB Yuan	
	For the firs 2024	t quarter 2023
Cash flows generated from operating activities		
Cash received from sales of goods and services rendered	70,675,373,200	68,769,545,946
Cash received from return of taxes and fees Other each received relating to encuring activities	171,770,992	274,499,241
Other cash received relating to operating activities	393,582,357	416,083,492
Sub-total of cash inflows of operating activities	71,240,726,549	69,460,128,679
Cash paid for goods and services received	51,182,902,437	56,589,274,865
Cash paid to and on behalf of employees including salary, social	01,102,5 02,10	00,000,27.,000
welfare, education funds and others in such manner	4,231,693,404	4,012,662,018
Payments of taxes	3,239,932,822	2,272,590,157
Other cash paid relating to operating activities	443,619,294	447,176,947
Sub-total of cash outflows of operating activities	59,098,147,957	63,321,703,987
Net cash flows generated from operating activities	12,142,578,592	6,138,424,692
Cash flows generated from investing activities		
Cash received from return of investments	11,601,000	_
Cash received on investment income	9,581,747	54,870,720
Cash received from disposal of fix assets, intangible assets and other		
long-term assets	42,875,581	55,381,080
Other cash received relating to investing activities		7,188,766
Sub-total of cash inflows of investing activities	64,058,328	117,440,566
Payment for the purchase of fix assets, intangible assets and		
other non-current assets	9,161,317,124	9,344,481,404
Cash paid for investments	184,824,700	19,063,799
Sub-total of cash outflows of investing activities	9,346,141,824	9,363,545,203
Net cash flows used in investing activities	(9,282,083,496)	(9,246,104,637)

Cash flows	generated	from	financing	activities
Cubil Ho Hb	Scholatea	11 0111	IIIIuiiciii	activities

Cash received from investments Including: cash received from non-controlling interests of	35,034,709	19,491,004,490
subsidiaries	35,034,709	491,004,490
Cash received from borrowings	36,583,901,299	58,324,706,629
Other cash received relating to financing activities	344,782,123	
Sub-total of cash inflows of financing activities	36,963,718,131	77,815,711,119
Repayments of borrowings	31,838,222,006	67,434,819,947
Redemption of other equity instruments	_	2,000,000,000
Payments for dividends, profit or interest expense	3,227,140,313	2,742,958,977
Including: dividends paid to non-controlling interests of		
subsidiaries	163,287,609	12,394,940
Other cash paid relating to financing activities	454,077,823	838,933,427
Sub-total of cash outflows of financing activities	35,519,440,142	73,016,712,351
Net cash flows generated from financing activities	1,444,277,989	4,798,998,768
Effect of exchange rate fluctuations on cash held	19,315,719	(183,838,851)
Net increase in cash and cash equivalents	4,324,088,804	1,507,479,972
Add: cash and cash equivalents at beginning of period	16,150,634,832	16,517,108,301
Cash and cash equivalents at end of period	20,474,723,636	18,024,588,273

Legal representative: Wang Kui

Person in charge of accounting function: **Huang Lixin**

accounting department: Wei Zhongqian

Person in charge of

	ments at the beginning of the year in which the new lards interpretation were implemented for the first
Applicable Not application	ble
	By Order of the Board Huaneng Power International, Inc. Huang Chaoquan <i>Company Secretary</i>
As at the date of this announcement, the dire	ectors of the Company are:
Wang Kui (Executive Director) Wang Zhijie (Executive Director) Huang Lixin (Executive Director) Du Daming (Non-executive Director) Zhou Yi (Non-executive Director) Li Lailong (Non-executive Director) Cao Xin (Non-executive Director) Li Haifeng (Non-executive Director) Ding Xuchun (Non-executive Director) Wang Jianfeng (Non-executive Director)	Xia Qing (Independent Non-executive Director) He Qiang (Independent Non-executive Director) Zhang Liying (Independent Non-executive Director) Zhang Shouwen (Independent Non-executive Director) Dang Ying (Independent Non-executive Director)