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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)

ANNOUNCEMENT ON ELECTRICITY SOLD IN THE FIRST QUARTER OF 2024

This announcement is made pursuant to Rule 13.10B of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited.

According to the preliminary findings of Huaneng Power International, Inc. (the “**Company**”), for the first quarter of 2024, the Company’s total electricity sold by power plants within China on a consolidated basis amounted to 113.036 billion KWh, representing an increase of 5.63% over the same period last year. For the first quarter of 2024, the Company’s average on-grid electricity settlement price by its power plants within China amounted to RMB497.97 per MWh, representing a decrease of 3.99% over the same period last year. The ratio of Company’s market-based electricity sold in the first quarter of 2024 reached 86.60%, representing a decrease of 0.18 percentage points over the same period last year.

The main reasons for the increase in the electricity sold by the Company in the first quarter were that (a) in the first quarter of 2024, the electricity consumption nationwide maintained steady growth, prompting the electricity generation volume to increase year-on-year; (b) during the heating season, the Company’s coal-fired plant operated at a higher capacity load, and the power generation of the coal-fired plant grew year-on-year; and (c) the Company continued to push forward the green and low-carbon transformation, and the installed capacity of new energy increased more year-on-year, and the new energy power generation grew rapidly year-on-year.

The Company's domestic on-grid electricity (in 100 million of kilowatt-hours) sold in the first quarter of 2024, by regions, is presented in the table below:

Types of generation/Region	Electricity sold	
	January to March 2024	Year-on-Year Change
Coal-fired	922.67	3.05%
Combined cycle	71.54	-1.73%
Wind-power	100.28	24.08%
PV	32.22	73.73%
Hydro-power	1.83	186.40%
Biomass power	1.82	-6.15%
Heilongjiang Province	31.68	2.71%
Coal-fired	23.67	-4.62%
Wind-power	6.71	31.15%
PV	0.76	9.49%
Biomass power	0.54	147.91%
Jilin Province	28.92	-5.64%
Coal-fired	18.13	-4.87%
Wind-power	9.67	-4.18%
Hydro-power	0.06	376.42%
PV	0.63	1.88%
Biomass power	0.43	-50.36%
Liaoning Province	43.33	4.48%
Coal-fired	35.42	-1.42%
Wind-power	7.37	44.99%
Hydro-power	0.01	-9.43%
PV	0.53	19.27%
Inner Mongolia	2.07	-5.16%
Wind-power	2.07	-5.16%
Hebei Province	34.53	23.45%
Coal-fired	28.96	19.49%
Wind-power	1.41	-24.58%
PV	4.16	123.31%
Gansu Province	33.65	-9.26%
Coal-fired	29.20	-8.45%
Wind-power	4.45	-14.26%

Types of generation/Region	Electricity sold	
	January to March 2024	Year-on-Year Change
Ningxia	0.04	-11.14%
PV	0.04	-11.14%
Beijing	22.33	-9.82%
Coal-fired	1.13	-72.23%
Combined cycle	21.21	2.42%
Tianjin	15.53	3.07%
Coal-fired	11.98	7.14%
Combined cycle	3.50	-9.56%
PV	0.06	120.61%
Shanxi Province	29.16	1.15%
Coal-fired	13.24	1.49%
Combined cycle	10.84	-6.10%
Wind-power	1.87	-8.18%
PV	3.21	45.91%
Shandong Province	198.90	-1.39%
Coal-fired	183.95	-3.94%
Wind-power	10.14	51.92%
PV	3.97	47.81%
Biomass power	0.85	-0.55%
Henan Province	61.02	6.68%
Coal-fired	50.16	9.83%
Combined cycle	0.20	-3.39%
Wind-power	9.50	-2.84%
PV	1.16	-24.72%
Jiangsu Province	114.09	22.72%
Coal-fired	81.89	26.05%
Combined cycle	13.10	-4.44%
Wind-power	15.72	21.59%
PV	3.38	148.04%
Shanghai	56.51	21.16%
Coal-fired	54.73	22.13%
Combined cycle	1.69	1.81%
PV	0.08	-47.82%

Types of generation/Region	Electricity sold	
	January to March 2024	Year-on-Year Change
Chongqing	39.93	-7.75%
Coal-fired	32.82	-7.14%
Combined cycle	5.95	-15.24%
Wind-power	1.13	23.03%
PV	0.03	—
Zhejiang Province	77.85	3.01%
Coal-fired	68.36	1.02%
Combined cycle	1.55	-16.53%
Wind-power	7.13	28.85%
PV	0.80	56.91%
Hubei Province	41.80	-13.53%
Coal-fired	36.83	-18.26%
Wind-power	1.79	-3.39%
Hydro-power	0.51	132.97%
PV	2.67	119.26%
Hunan Province	23.55	-16.75%
Coal-fired	19.10	-24.88%
Wind-power	2.99	38.69%
Hydro-power	0.94	197.38%
PV	0.51	33.56%
Jiangxi Province	75.36	7.67%
Coal-fired	69.88	5.72%
Wind-power	2.61	12.49%
PV	2.88	82.25%
Anhui Province	20.53	8.91%
Coal-fired	14.85	2.03%
Wind-power	2.83	-7.70%
Hydro-power	0.18	1,157.56%
PV	2.67	119.96%
Fujian Province	39.56	35.76%
Coal-fired	38.96	34.81%
PV	0.60	150.21%
Guangdong Province	61.26	-1.93%
Coal-fired	49.08	-9.55%

Types of generation/Region	Electricity sold	
	January to March 2024	Year-on-Year Change
Combined cycle	7.69	-4.37%
Wind-power	4.15	—
PV	0.34	112.31%
Guangxi	2.91	24.42%
Combined cycle	0.64	-2.37%
Wind-power	2.14	27.04%
PV	0.13	88,998.11%
Yunnan Province	43.59	60.97%
Coal-fired	37.53	46.57%
Wind-power	5.55	275.09%
Hydro-power	—	—
PV	0.52	—
Guizhou Province	3.04	60.90%
Wind-power	0.79	41.11%
PV	2.25	69.21%
Hainan Province	29.22	14.90%
Coal-fired	22.80	7.31%
Combined cycle	5.18	46.32%
Wind-power	0.27	-11.32%
Hydro-power	0.13	92.47%
PV	0.85	204.02%
Total	1,130.36	5.63%

For the first quarter of 2024, Tuas Power Limited in Singapore, a wholly-owned subsidiary of the Company, contributed to 20.8% of the power generation volume in Singapore market, basically remained unchanged compared to the same period of last year.

In the first quarter of 2024, the Company's newly added capacity is as follows:

(in MW)

Type	Controlled generation capacity
Wind-power	869.05
PV	<u>736.8</u>
Total	<u><u>1,605.85</u></u>

In the first quarter of 2024, the No. 3 power generation unit with a capacity of 140 MW of Huaneng Linyi Power Generation Limited Company was shut down. As of 31 March 2024, the Company had a controlled installed generation capacity of 137,121 MW.

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 (<i>Executive Director</i>)	Xia Qing (<i>Independent Non-executive Director</i>)
Wang Zhijie (<i>Executive Director</i>)	He Qiang (<i>Independent Non-executive Director</i>)
Huang Lixin (<i>Executive Director</i>)	Zhang Liying (<i>Independent Non-executive Director</i>)
Du Daming (<i>Non-executive Director</i>)	Zhang Shouwen (<i>Independent Non-executive Director</i>)
Zhou Yi (<i>Non-executive Director</i>)	Dang Ying (<i>Independent Non-executive Director</i>)
Li Lailong (<i>Non-executive Director</i>)	
Cao Xin (<i>Non-executive Director</i>)	
Li Haifeng (<i>Non-executive Director</i>)	
Ding Xuchun (<i>Non-executive Director</i>)	
Wang Jianfeng (<i>Non-executive Director</i>)	

Beijing, the PRC
16 April 2024