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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 HALF OF 2025

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 statistics of Huaneng Power International, Inc. (the “**Company**”), for the second quarter of 2025, the total electricity sold by the Company’s power plants within the PRC on a consolidated basis amounted to 99.049 billion KWh, representing an increase of 1.44% over the same period last year. For the first half of 2025, the total electricity sold by the Company’s power plants within the PRC on a consolidated basis amounted to 205.683 billion KWh, representing a decrease of 2.37% over the same period last year. For the first half of 2025, the average settlement tariff for electricity sold by the Company’s power plants within the PRC for the first half of 2025 was RMB485.27 per MWh, representing a decrease of 2.69% over the same period last year. For the first half of 2025, the Company’s proportion of market-based trading of electricity was 84.64%, representing a decrease of 2.27 percentage points from the same period last year.

In the first half of the year, the Company continued to push forward the green and low-carbon transformation, with the continued growth in installed capacity of wind-power and photovoltaic power, driving a year-on-year increase in new energy power generation. However, due to factors such as slackening supply and demand and the growth in the installed capacity of new energy sources across the country, the power generation of the Company’s coal-fired plant decreased over the same period last year, resulting in a year-on-year decrease in the Company’s total power generation.

The Company's domestic on-grid electricity (in 100 millions of kilowatt-hours) sold in the first half of 2025, by regions, is presented in the table below:

Types of generation/Region	Electricity Sold		Electricity Sold	
	April to June of 2025	Year-on-Year Change	January to June of 2025	Year-on-Year Change
Coal-fired	754.26	-3.46%	1,583.63	-7.06%
Combined cycle	56.54	9.16%	132.55	7.47%
Wind-power	101.19	14.32%	210.31	11.39%
PV	73.71	48.06%	122.43	49.33%
Hydro-power	2.87	-9.37%	3.89	-22.13%
Biomass power	1.92	3.78%	4.02	9.83%
Heilongjiang Province	29.36	6.37%	61.58	3.89%
Coal-fired	19.86	3.82%	44.62	4.26%
Wind-power	8.23	10.52%	14.63	3.30%
PV	0.73	-8.19%	1.33	-14.52%
Biomass power	0.54	135.66%	1.00	31.34%
Jilin Province	26.14	-2.11%	58.55	5.28%
Coal-fired	12.49	-13.97%	30.76	-5.78%
Wind-power	11.62	7.25%	23.98	16.92%
Hydro-power	0.38	49.92%	0.44	42.54%
PV	1.20	97.92%	2.17	77.44%
Biomass power	0.45	-8.18%	1.19	29.53%
Liaoning Province	36.69	14.60%	82.92	10.05%
Coal-fired	28.21	7.56%	64.95	5.35%
Wind-power	7.53	49.41%	16.42	32.39%
Hydro-power	0.13	202.72%	0.17	250.14%
PV	0.82	16.63%	1.37	11.03%
Inner Mongolia	1.89	-4.93%	3.74	-7.94%
Wind-power	1.78	-10.60%	3.58	-11.91%
PV	0.11	5,177.06%	0.16	7,385.70%

Types of generation/Region	Electricity Sold		Electricity Sold	
	April to June of 2025	Year-on-Year Change	January to June of 2025	Year-on-Year Change
Hebei Province	34.88	18.87%	72.22	13.06%
Coal-fired	22.69	5.92%	51.10	1.43%
Wind-power	2.22	76.48%	4.40	64.74%
PV	9.98	49.63%	16.73	54.44%
Gansu Province	22.76	-6.95%	55.46	-4.55%
Coal-fired	17.46	-2.42%	45.51	-3.38%
Wind-power	5.30	-19.28%	9.95	-9.57%
Ningxia	0.07	-6.84%	0.11	-1.33%
PV	0.07	-6.84%	0.11	-1.33%
Beijing	15.87	-0.55%	37.49	-2.11%
Coal-fired	——	——	0.52	-54.25%
Combined cycle	15.87	-0.55%	36.97	-0.53%
Tianjin	9.68	-20.02%	23.39	-15.36%
Coal-fired	7.04	-28.46%	18.61	-14.72%
Combined cycle	2.05	-4.18%	3.85	-31.63%
Wind-power	0.25	——	0.48	——
PV	0.34	187.94%	0.45	153.29%
Shanxi Province	19.77	-13.56%	49.15	-5.55%
Coal-fired	11.06	-31.56%	22.27	-24.26%
Combined cycle	0.08	-49.01%	11.45	4.08%
Wind-power	1.88	28.06%	4.01	20.33%
PV	6.75	32.86%	11.41	37.65%
Shandong Province	144.89	-17.22%	311.20	-16.78%
Coal-fired	124.18	-22.00%	272.59	-20.56%
Wind-power	9.76	25.00%	20.59	14.76%
PV	10.01	45.39%	16.19	49.23%
Biomass power	0.93	-17.61%	1.83	-7.60%

Types of generation/Region	Electricity Sold		Electricity Sold	
	April to June of 2025	Year-on-Year Change	January to June of 2025	Year-on-Year Change
Henan Province	53.80	-1.52%	111.23	-3.82%
Coal-fired	38.94	-7.97%	83.46	-9.74%
Combined cycle	0.35	35.88%	0.67	45.74%
Wind-power	11.46	16.57%	22.28	15.25%
PV	3.04	36.94%	4.80	42.51%
Jiangsu Province	93.24	-3.78%	186.13	-11.78%
Coal-fired	62.88	-12.02%	123.90	-19.21%
Combined cycle	12.06	17.78%	26.39	13.12%
Wind-power	10.28	1.61%	22.64	-12.35%
PV	8.03	58.10%	13.19	55.84%
Shanghai	40.93	7.45%	95.34	0.78%
Coal-fired	39.46	8.78%	91.17	0.18%
Combined cycle	1.08	-33.46%	3.60	8.46%
PV	0.39	106.80%	0.56	108.71%
Chongqing	34.75	20.26%	76.75	11.52%
Coal-fired	25.91	7.37%	58.12	2.05%
Combined cycle	7.19	109.76%	16.06	71.24%
Wind-power	1.50	16.74%	2.39	-1.26%
PV	0.15	207.28%	0.18	147.73%
Zhejiang Province	80.41	2.68%	163.34	4.60%
Coal-fired	68.32	1.10%	136.85	0.68%
Combined cycle	2.24	14.58%	5.59	59.28%
Wind-power	8.13	5.47%	18.18	22.54%
PV	1.73	60.01%	2.73	44.35%
Hubei Province	35.36	9.37%	72.00	-2.87%
Coal-fired	27.92	10.23%	58.94	-5.18%
Wind-power	1.78	35.66%	3.47	12.05%
Hydro-power	0.71	-22.78%	0.92	-35.42%
PV	4.96	3.75%	8.67	16.39%

Types of generation/Region	Electricity Sold		Electricity Sold	
	April to June of 2025	Year-on-Year Change	January to June of 2025	Year-on-Year Change
Hunan Province	18.43	37.47%	41.55	12.45%
Coal-fired	13.44	40.97%	32.96	15.08%
Wind-power	2.37	30.89%	4.54	-5.63%
Hydro-power	1.14	2.65%	1.60	-22.32%
PV	1.47	55.94%	2.46	69.47%
Jiangxi Province	65.77	14.47%	137.94	3.85%
Coal-fired	55.69	9.95%	120.23	-0.25%
Wind-power	2.83	2.67%	5.33	-0.50%
PV	7.25	78.98%	12.38	78.62%
Anhui Province	22.14	5.19%	47.01	13.06%
Coal-fired	11.60	-17.75%	27.76	-4.13%
Wind-power	3.99	65.85%	7.86	50.27%
Hydro-power	0.04	-89.36%	0.04	-92.94%
PV	6.52	55.62%	11.35	65.55%
Fujian Province	47.51	15.69%	77.66	-3.68%
Coal-fired	46.18	14.63%	75.45	-4.80%
PV	1.33	69.94%	2.21	60.66%
Guangdong Province	71.05	2.45%	133.58	2.27%
Coal-fired	59.22	5.23%	107.86	2.38%
Combined cycle	8.08	-9.72%	15.01	-9.77%
Wind-power	2.78	-22.48%	8.94	15.43%
PV	0.97	80.70%	1.77	102.37%
Guangxi	3.67	39.79%	6.66	20.29%
Combined cycle	1.00	29.01%	1.83	28.51%
Wind-power	1.91	20.87%	3.73	0.27%
PV	0.76	182.83%	1.11	177.26%

Types of generation/Region	Electricity Sold		Electricity Sold	
	April to June of 2025	Year-on-Year Change	January to June of 2025	Year-on-Year Change
Yunnan Province	39.82	10.91%	77.11	-3.01%
Coal-fired	34.78	7.88%	66.68	-4.43%
Wind-power	3.29	4.40%	7.69	-11.60%
PV	1.75	272.91%	2.74	176.95%
Guizhou Province	4.14	23.71%	6.68	4.63%
Wind-power	0.48	6.53%	0.97	-21.47%
PV	3.66	26.40%	5.71	10.93%
Hainan Province	37.45	7.28%	68.04	6.10%
Coal-fired	26.91	0.69%	49.32	-0.41%
Combined cycle	6.53	3.63%	11.13	-3.06%
Wind-power	1.83	1,507.17%	4.24	1,005.79%
Hydro-power	0.47	6.89%	0.72	25.32%
PV	1.70	28.94%	2.64	21.83%
Total	990.49	1.44%	2,056.83	-2.37%

For the second quarter of 2025, Tuas Power Limited in Singapore, a wholly-owned subsidiary of the Company, contributed to 18.49% of the power generation volume in Singapore market, representing a decrease of 0.71 percentage points compared to the same period of last year.

For the first half of 2025, Tuas Power Limited in Singapore accounted for 18.61% of the cumulative power generation market in Singapore, representing a decrease of 1.79 percentage points compared to the same period of last year.

In the second quarter of 2025, the Company's newly added capacity is as follows:

(Unit: MW)

Type	Controlled generation capacity (April to June)	Controlled generation Capacity (January to June)
Thermal-power	491.2	1,724.4
Wind-power	1,024.75	1,928.45
PV	2,802.8	4,334.46
Total	4,318.75	7,987.31

In summary, as of 30 June 2025, the Company had a controlled installed generation capacity of 152,992 MW.

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

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

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

Beijing, the PRC
16 July 2025