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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 THREE QUARTERS OF 2023**

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**”), in the third quarter of 2023, the electricity sold by the Company’s operating power plants in China, on consolidated basis, amounted to 126.233 billion kWh, representing an increase of 2.13% compared to the same period last year. For the first three quarters of 2023, the electricity sold by the Company’s operating power plants in China, on consolidated basis, reached a total of 337.380 billion kWh, representing an increase of 5.38% over the same period last year. The average on-grid electricity settlement price for the Company’s operating power plants in China for the first three quarters of 2023 was RMB509.66 per MWh, representing an increase of 0.52% over the same period last year.

For the first three quarters of 2023, the Company’s market based electricity sold ratio was 88.53%, representing a decrease of 0.31 percentage points over the same period last year.

The increase in the Company’s power generation was mainly attributable to the following reason:

The installed capacity of wind power and photovoltaic (“**PV**”) continued to grow in the third quarter, and new energy power generation continued to grow at a faster rate. During the peak summer period, in the case of the short duration of the nationwide hot weather and the increase in the amount of incoming water, the Company’s thermal power played the role of ensuring peaking supply and securing system stability, with thermal power generation increasing slightly year on year. The Company’s overall power generation increased in the third quarter compared to the same period last year, but the growth rate slowed down compared to the second quarter, and the Company’s cumulative power generation in the first three quarters still maintained year-on-year growth.

The electricity sold (in billion kWh) of the Company, by regions, are listed below:

Types of generation/Region	Electricity Sold			
	July to September 2023	Year-on-Year Change	January to September 2023	Year-on-Year Change
<b>Coal-fired</b>	108.014	-0.12%	284.03	3.10%
<b>Combined cycle</b>	8.099	8.92%	20.966	8.80%
<b>Wind-power</b>	6.328	8.09%	23.105	17.79%
<b>PV</b>	3.324	83.74%	8.029	76.70%
<b>Hydro-power</b>	0.281	19.65%	0.608	-18.35%
<b>Biomass power</b>	0.188	48.01%	0.643	30.69%
<b>Heilongjiang Province</b>	3.852	23.89%	9.776	11.18%
Coal-fired	3.231	21.96%	7.69	5.65%
Wind-power	0.524	41.00%	1.751	41.00%
PV	0.072	-13.36%	0.228	-6.58%
Biomass power	0.025	367.56%	0.107	273.66%
<b>Jilin Province</b>	3.12	6.35%	9.295	14.94%
Coal-fired	2.180	1.88%	5.881	4.32%
Wind-power	0.801	26.07%	2.947	49.06%
Hydro-power	0.025	-44.34%	0.049	-35.64%
PV	0.059	-10.03%	0.187	-7.90%
Biomass power	0.055	14.92%	0.231	19.58%
<b>Liaoning Province</b>	4.663	19.75%	12.176	9.36%
Coal-fired	4.231	-10.65%	10.612	5.67%
Wind-power	0.364	80.17%	1.38	49.94%
Hydro-power	0.006	-69.40%	0.011	-58.14%
PV	0.063	33.68%	0.173	20.87%
<b>Inner Mongolia</b>	0.155	4.55%	0.596	10.12%
Wind-power	0.155	4.55%	0.596	10.12%
<b>Hebei Province</b>	3.415	20.27%	9.06	5.88%
Coal-fired	2.977	16.65%	7.721	0.35%
Wind-power	0.094	-13.00%	0.449	-0.97%
PV	0.345	91.48%	0.889	117.84%
<b>Gansu Province</b>	3.237	-13.64%	9.827	-11.04%
Coal-fired	2.502	-18.01%	7.841	-13.83%
Wind-power	0.735	5.51%	1.987	1.96%
<b>Ningxia</b>	0.007	-5.99%	0.017	-9.27%

Types of generation/Region	Electricity Sold			
	July to September 2023	Year-on-Year Change	January to September 2023	Year-on-Year Change
PV	0.007	-5.99%	0.017	-9.27%
<b>Beijing</b>	1.982	2.13%	6.059	3.26%
Coal-fired	—	—	0.406	-30.97%
Combined cycle	1.982	2.13%	5.653	7.07%
<b>Tianjin</b>	1.654	25.79%	4.477	9.58%
Coal-fired	14.39	22.42%	3.794	12.98%
Combined cycle	2.06	52.57%	0.665	-7.13%
PV	0.09	104.97%	0.018	54.36%
<b>Shanxi Province</b>	2.227	25.18%	6.49	9.40%
Coal-fired	1.767	24.49%	3.989	12.72%
Combined cycle	0.083	303.07%	1.263	2.79%
Wind-power	0.106	1.68%	0.489	14.19%
PV	0.271	15.41%	0.748	1.67%
<b>Shandong Province</b>	24.112	1.62%	62.019	-2.09%
Coal-fired	23.161	0.72%	58.866	-3.19%
Wind-power	0.378	4.78%	1.706	14.75%
PV	0.464	55.61%	1.143	47.15%
Biomass power	0.108	46.05%	0.305	12.78%
<b>Henan Province</b>	6.916	7.92%	17.732	0.81%
Coal-fired	6.08	7.08%	14.472	-1.97%
Combined cycle	0.091	38.99%	0.146	17.93%
Wind-power	0.569	-13.61%	2.618	-2.43%
PV	0.176	2,687.59%	0.496	2,546.20%
<b>Jiangsu Province</b>	12.255	-3.01%	32.606	5.36%
Coal-fired	9.295	-3.09%	24.304	7.89%
Combined cycle	1.796	-5.71%	4.209	-11.28%
Wind-power	0.918	-12.83%	3.494	1.71%
PV	0.246	185.13%	0.599	149.62%
<b>Shanghai</b>	5.871	-3.76%	15.429	7.18%
Coal-fired	5.185	-4.44%	14.30	7.22%
Combined cycle	0.674	1.31%	1.094	5.98%
PV	0.013	29.32%	0.035	31.84%
<b>Chongqing</b>	3.628	-27.34%	11.285	2.97%

Types of generation/Region	Electricity Sold			
	July to September 2023	Year-on-Year Change	January to September 2023	Year-on-Year Change
Coal-fired	2.74	-25.52%	8.901	4.98%
Combined cycle	0.775	-33.92%	2.024	-6.31%
Wind-power	0.11	-21.36%	0.358	11.94%
PV	0.002	—	0.002	—
<b>Zhejiang Province</b>	<b>9.478</b>	<b>-5.99%</b>	<b>24.636</b>	<b>2.29%</b>
Coal-fired	8.571	-7.53%	22.298	-0.35%
Combined cycle	0.32	-5.63%	0.678	-4.16%
Wind-power	0.499	26.97%	1.451	77.27%
PV	0.088	9.33%	0.21	14.14%
<b>Hubei Province</b>	<b>4.485</b>	<b>-20.03%</b>	<b>12.496</b>	<b>-6.23%</b>
Coal-fired	3.879	-26.28%	11.03	-10.52%
Wind-power	0.153	-21.36%	0.549	0.14%
Hydro-power	0.119	256.52%	0.23	22.36%
PV	0.335	181.61%	0.688	160.32%
<b>Hunan Province</b>	<b>2.895</b>	<b>-20.99%</b>	<b>7.956</b>	<b>-0.69%</b>
Coal-fired	2.543	-25.09%	6.889	-3.57%
Wind-power	0.179	1.64%	0.646	19.03%
Hydro-power	0.067	21.26%	0.208	-17.88%
PV	0.106	177.25%	0.214	195.64%
<b>Jiangxi Province</b>	<b>8.622</b>	<b>-0.25%</b>	<b>22.292</b>	<b>4.00%</b>
Coal-fired	8.052	-1.18%	20.806	2.96%
Wind-power	0.236	-6.50%	0.76	2.82%
PV	0.334	37.50%	0.726	48.73%
<b>Anhui Province</b>	<b>2.097</b>	<b>12.17%</b>	<b>5.878</b>	<b>9.29%</b>
Coal-fired	1.555	-2.97%	4.381	-1.40%
Wind-power	0.212	3.42%	0.835	6.42%
Hydro-power	0.048	62.69%	0.064	-17.70%
PV	0.281	786.26%	0.597	729.52%
<b>Fujian Province</b>	<b>5.405</b>	<b>13.99%</b>	<b>12.48</b>	<b>12.01%</b>
Coal-fired	5.339	12.97%	12.337	10.97%
PV	0.066	312.46%	0.143	503.71%
<b>Guangdong Province</b>	<b>8.704</b>	<b>1.05%</b>	<b>22.882</b>	<b>7.38%</b>
Coal-fired	7.479	-0.01%	19.622	7.34%

Types of generation/Region	Electricity Sold			
	July to September 2023	Year-on-Year Change	January to September 2023	Year-on-Year Change
Combined cycle	1.181	5.14%	3.162	5.27%
PV	0.044	319.15%	0.098	277.07%
<b>Guangxi</b>	0.24	103.37%	0.764	63.82%
Combined cycle	0.097	41.82%	0.251	5.95%
Wind-power	0.143	187.88%	0.513	123.44%
PV	—	—	0.0001	—
<b>Yunnan Province</b>	2.917	53.78%	10.255	78.74%
Coal-fired	2.769	50.93%	9.797	81.38%
Wind-power	0.107	76.18%	0.373	14.06%
Hydro-power	—	-100.00%	—	-100.00%
PV	0.041	—	0.086	—
<b>Guizhou Province</b>	0.258	6.65%	0.714	13.83%
Wind-power	0.035	20.61%	0.147	14.19%
PV	0.223	4.73%	0.567	13.73%
<b>Hainan Province</b>	4.04	58.75%	10.182	38.86%
Coal-fired	3.04	24.41%	8.094	15.08%
Combined cycle	0.894	—	1.82	4855.46%
Wind-power	0.008	-39.64%	0.058	-6.90%
Hydro-power	0.016	-68.50%	0.045	-59.76%
PV	0.081	129.19%	0.165	87.10%
<b>Total</b>	<b>126.233</b>	<b>2.13%</b>	<b>337.380</b>	<b>5.38%</b>

For the first half of 2023, Tuas Power Limited in Singapore, a wholly-owned subsidiary of the Company, contributed to 19.3% of the power generation volume in Singapore market, representing a decrease of 1.8 percentage points compared to the same period of last year. In the first three quarters of 2023, the accumulated power generation accounted for a market share of 20.8%, representing a decrease of 1.7 percentage points compared to the same period last year.

In the third quarter of 2023, the new generation units put into operation were as follows:

(Unit: MW)

Type of Generation Unit	Controlled installed capacity (July to September)	Controlled installed capacity (January to September)
Thermal	–	1,145
Wind-power	607.15	1,015.75
PV	911.49	3,408.98
<b>Total</b>	<b>1,518.64</b>	<b>5,569.73</b>

In addition, the capacity of some of the Company's units was adjusted. In summary, as of 30 September 2023, the Company had a controlled installed capacity of 131,511 MW.

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

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

Wang Kui ( <i>Executive Director</i> )	Xu Mengzhou ( <i>Independent Non-executive Director</i> )
Huang Jian ( <i>Non-executive Director</i> )	Liu Jizhen ( <i>Independent Non-executive Director</i> )
Lu Fei ( <i>Non-executive Director</i> )	Xu Haifeng ( <i>Independent Non-executive Director</i> )
Teng Yu ( <i>Non-executive Director</i> )	Zhang Xianzhi ( <i>Independent Non-executive Director</i> )
Mi Dabin ( <i>Non-executive Director</i> )	Xia Qing ( <i>Independent Non-executive Director</i> )
Cheng Heng ( <i>Non-executive Director</i> )	
Li Haifeng ( <i>Non-executive Director</i> )	
Lin Chong ( <i>Non-executive Director</i> )	

Beijing, the PRC  
17 October 2023