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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)**

## **POWER GENERATION WITHIN CHINA INCREASED BY 27.80% IN THE FIRST HALF OF 2017**

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 2017, the Company’s total power generation by the power plants within China on consolidated basis amounted to 90.697 billion kWh, representing an increase of 31.03% over the same period last year. Total electricity sold by the Company amounted to 85.624 billion kWh, representing an increase of 31.02% over the same period last year. In the first half of 2017, the Company’s total power generation by the power plants within China on consolidated basis amounted to 186.685 billion kWh, representing an increase of 27.80% over the same period last year. Total electricity sold by the Company amounted to 176.121 billion kWh, representing an increase of 27.55% over the same period last year. In the first half of 2017, the Company’s average on-grid electricity settlement price for its power plants within China amounted to RMB407.49 per MWh, representing an increase of 3.30% over the same period last year.

The main reasons attributable to the increase in the Company’s power generation were:

- (1) the acquisition of power generation assets in Heilongjiang, Jilin and Shandong, which contributed to the significant rise in the Company’s output level; and
- (2) a year-on-year increase in thermal power generation in Central China and East China.

The power generation (in billion kWh) by each region of the Company's domestic power plants are listed below:

Region	Power Generation				Electricity sold			
	April to June 2017	Change	January to June 2017	Change	April to June 2017	Change	January to June 2017	Change
<b>*Heilongjiang Province</b>	3.183	2.16%	6.416	6.15%	2.983	2.12%	6.015	6.33%
*Coal-fired	2.867	-1.32%	5.981	4.92%	2.674	-1.46%	5.588	5.08%
*Wind-power	0.316	50.33%	0.436	26.63%	0.309	49.03%	0.426	26.08%
<b>*Jilin Province</b>	1.982	17.89%	3.983	11.89%	1.877	17.26%	3.752	12.45%
*Coal-fired	1.620	15.05%	3.416	8.50%	1.528	15.27%	3.211	8.59%
*Wind-power	0.283	44.58%	0.426	51.70%	0.274	35.01%	0.410	57.65%
*Hydro-power	0.038	30.15%	0.045	47.01%	0.038	30.14%	0.044	47.04%
*PV	0.0003	-	0.0003	-	0.0003	-	0.0003	-
*Biomass power	0.041	-15.47%	0.096	-3.81%	0.036	-14.78%	0.086	-3.50%
<b>Liaoning Province</b>	3.361	-10.78%	8.571	-3.79%	3.135	-11.28%	8.013	-4.28%
Coal-fired	3.237	-11.14%	8.371	-4.10%	3.012	-11.68%	7.815	-4.61%
Wind-power	0.102	-3.52%	0.169	9.95%	0.101	-3.73%	0.168	9.79%
Hydro-power	0.013	-18.98%	0.014	-40.66%	0.013	-19.31%	0.014	-40.84%
PV	0.0094	226.58%	0.0171	496.13%	0.0091	250.64%	0.0165	539.50%
<b>Inner Mongolia</b>	0.063	-11.44%	0.112	-6.26%	0.063	-12.00%	0.111	-6.58%
Wind-power	0.063	-11.44%	0.112	-6.26%	0.063	-12.00%	0.111	-6.58%
<b>Hebei Province</b>	3.901	7.69%	6.767	2.40%	3.673	7.80%	6.364	2.12%
Coal-fired	3.828	6.83%	6.640	1.51%	3.604	6.90%	6.257	1.44%
Wind-power	0.061	60.63%	0.106	59.14%	0.059	62.97%	0.087	37.15%
PV	0.0109	3503.47%	0.0208	6786.72%	0.0103	-	0.0196	-
<b>Gansu Province</b>	1.928	-20.98%	5.110	0.31%	1.818	-21.62%	4.844	-0.46%
Coal-fired	1.520	-27.46%	4.397	-0.26%	1.428	-28.19%	4.157	-1.21%
Wind-power	0.408	18.51%	0.713	3.95%	0.390	17.91%	0.686	4.30%
<b>Ningxia</b>	0.0004	-	0.0004	-	0.0004	-	0.0004	-
PV	0.0004	-	0.0004	-	0.0004	-	0.0004	-
<b>Beijing</b>	0.958	-29.80%	3.347	-12.21%	0.935	-26.95%	3.149	-11.04%
Coal-fired	-	-100.00%	1.086	-36.18%	-	-100.00%	0.945	-36.08%
Combined Cycle	0.958	11.40%	2.261	7.13%	0.935	10.86%	2.204	6.91%
<b>Tianjin</b>	1.477	32.13%	3.245	-1.80%	1.398	32.54%	3.050	-2.00%
Coal-fired	1.060	27.44%	2.690	8.07%	0.991	27.73%	2.509	8.26%
Combined Cycle	0.417	45.76%	0.554	-31.96%	0.407	45.95%	0.541	-31.94%
PV	0.00001	-	0.00001	-	-	-	-	-

Region	Power Generation				Electricity sold			
	April to June 2017	Change	January to June 2017	Change	April to June 2017	Change	January to June 2017	Change
<b>Shanxi Province</b>	2.842	-8.17%	5.408	-10.14%	2.668	-7.92%	5.096	-10.02%
Coaled-fired	2.115	-25.48%	3.444	-23.89%	1.960	-26.01%	3.185	-24.40%
Combined Cycle	0.727	182.71%	1.964	31.48%	0.709	184.08%	1.911	31.76%
PV	0.0004	-	0.0004	-	-	-	-	-
<b>Shandong Province</b>	21.212	101.94%	41.852	114.58%	19.927	101.05%	39.218	113.55%
Coal-fired	21.042	100.32%	41.540	112.98%	19.761	99.38%	38.917	111.91%
*Wind-power	0.133	28.08%	0.257	14.13%	0.132	0.00%	0.250	12.77%
*PV	0.0367	182.82%	0.0547	175.17%	0.0336	0.00%	0.0508	215.39%
<b>Henan Province</b>	4.890	16.15%	10.872	21.48%	4.616	15.97%	10.257	21.21%
Coal-fired	4.376	3.94%	9.863	10.20%	4.112	3.33%	9.269	9.53%
*Combined Cycle	0.494	31.68%	0.970	14.04%	0.483	31.60%	0.949	13.99%
Wind-power	0.019	-	0.038	-	0.018	-	0.038	-
PV	0.0014	-	0.0014	-	0.0014	-	0.0014	-
<b>Jiangsu Province</b>	11.499	20.03%	21.385	9.27%	10.921	20.10%	20.292	9.04%
Coal-fired	10.193	15.71%	18.942	5.19%	9.641	15.66%	17.918	4.91%
Combined Cycle	1.098	69.60%	2.013	57.04%	1.076	69.37%	1.974	56.76%
Wind-power	0.197	58.21%	0.419	48.86%	0.192	57.15%	0.388	43.47%
PV	0.012	-	0.012	-	0.0117	-	0.0117	-
<b>Shanghai</b>	3.604	-13.35%	8.766	-2.77%	3.410	-13.52%	8.312	-2.87%
Coal-fired	3.183	-14.18%	7.838	-4.54%	2.999	-14.38%	7.405	-4.71%
Combined Cycle	0.421	-6.54%	0.929	15.30%	0.412	-6.65%	0.908	15.29%
<b>Chongqing</b>	1.554	-6.11%	4.211	-1.64%	1.432	-6.26%	3.912	-1.42%
Coal-fired	1.353	-6.17%	3.482	-4.86%	1.237	-6.36%	3.202	-4.82%
Combined Cycle	0.201	-5.72%	0.729	17.34%	0.195	-5.61%	0.710	17.47%
<b>Zhejiang Province</b>	7.185	42.01%	13.443	20.88%	6.904	42.32%	12.915	21.13%
Coal-fired	7.034	40.48%	13.204	20.29%	6.757	40.78%	12.682	20.54%
Combined Cycle	0.138	177.59%	0.216	54.63%	0.135	176.55%	0.211	54.28%
PV	0.0133	387.75%	0.0227	401.74%	0.0126	356.12%	0.0218	399.95%
<b>Hubei Province</b>	2.492	19.39%	6.531	9.52%	2.320	18.85%	6.111	9.05%
Coal-fired	2.297	17.96%	6.232	8.17%	2.130	17.25%	5.819	7.61%
Wind-power	0.080	187.07%	0.146	151.05%	0.078	186.88%	0.143	152.02%
Hydro-power	0.115	2.63%	0.154	6.26%	0.112	3.28%	0.149	6.51%
PV	0.00001	-	0.00001	-	-	-	-	-

Region	Power Generation				Electricity sold			
	April to June 2017	Change	January to June 2017	Change	April to June 2017	Change	January to June 2017	Change
<b>Hunan Province</b>	1.358	19.74%	3.908	25.87%	1.263	19.36%	3.654	25.17%
Coal-fired	1.104	26.09%	3.419	30.67%	1.013	26.11%	3.171	30.11%
Wind-power	0.136	-9.55%	0.289	5.39%	0.135	-9.69%	0.286	5.36%
Hydro-power	0.116	7.78%	0.198	-7.23%	0.114	7.80%	0.195	-7.23%
PV	0.0014	-	0.0014	-	0.0014	-	0.0014	-
<b>Jiangxi Province</b>	4.458	35.45%	8.988	18.59%	4.251	36.01%	8.590	18.88%
Coal-fired	4.415	35.00%	8.893	18.10%	4.217	35.80%	8.503	18.48%
Wind-power	0.043	103.92%	0.096	92.06%	0.035	67.45%	0.086	76.87%
<b>Anhui Province</b>	1.343	12.92%	2.846	1.33%	1.281	14.74%	2.724	2.30%
Coal-fired	1.285	15.48%	2.737	0.96%	1.224	15.72%	2.616	1.30%
Wind-power	0.025	47.82%	0.059	243.35%	0.025	-	0.058	-
Hydro-power	0.032	-45.36%	0.050	-37.92%	0.032	-45.48%	0.050	-38.03%
<b>Fujian Province</b>	2.182	22.32%	4.025	18.68%	2.056	22.49%	3.793	18.82%
Coal-fired	2.182	22.30%	4.025	18.68%	2.056	22.49%	3.793	18.82%
PV	0.0002	-	0.0002	-	-	-	-	-
<b>Guangdong Province</b>	5.231	30.34%	9.234	17.59%	4.995	30.46%	8.837	17.70%
Coal-fired	5.226	30.21%	9.224	17.46%	4.990	30.32%	8.827	17.57%
PV	0.0052	-	0.0100	-	0.0052	-	0.0100	-
<b>Yunnan Province</b>	0.900	-23.19%	1.881	-10.93%	0.833	-22.97%	1.743	-10.38%
Coal-fired	0.801	-27.16%	1.631	-16.32%	0.736	-27.18%	1.501	-16.21%
Wind-power	0.100	36.65%	0.250	53.61%	0.097	37.69%	0.242	57.43%
<b>Guizhou Province</b>	0.014	-0.95%	0.034	39.87%	0.014	2.07%	0.033	91.29%
Wind-power	0.014	-0.95%	0.034	39.87%	0.014	2.07%	0.033	91.29%
<b>Hainan Province</b>	3.074	-21.03%	5.742	-17.26%	2.852	-21.38%	5.335	-17.56%
Coal-fired	2.984	-22.52%	5.591	-18.33%	2.763	-23.00%	5.187	-18.73%
Combined Cycle	0.002	-91.43%	0.008	-80.34%	0.002	-91.07%	0.008	-79.59%
Wind-power	0.020	12.22%	0.053	14.45%	0.019	12.02%	0.051	14.35%
Hydro-power	0.063	2,500.62%	0.080	878.87%	0.062	2,909.88%	0.079	952.18%
PV	0.0055	-	0.0101	-	0.0054	-	0.0099	-
<b>Total</b>	<b>90.697</b>	<b>31.03%</b>	<b>186.685</b>	<b>27.80%</b>	<b>85.624</b>	<b>31.02%</b>	<b>176.121</b>	<b>27.55%</b>

Note: The remark \* represented the regional companies or power plants involved in the new acquisition by the Company at the end of 2016. They had been incorporated in the Company's financial statements since 1 January 2017, and the year-on-year data of which is for information only.

For the second quarter of 2017, the power generation of Tuas Power Limited in Singapore, which is wholly-owned by the Company, accounted for a market share of 21.8% in Singapore, representing an increase of 0.4 percentage point compared to the same period of last year. In the first half of 2017, the accumulated power generation accounted for a market share of 21.5%, representing a decrease of 0.1 percentage point compared to the same period last year.

In addition, the wind power units with a total capacity of 52MW (26 x 2) of Huaneng Jiangxi Linghuashan Wind Power Plant, the 50MW photovoltaic power units (PV units) of Shanxi Yushe Photovoltaic Power Plant, the 15MW PV units of Jilin Linjiang Jubao Photovoltaic Power Plant, the 10MW PV units of Fujian Changle Photovoltaic Power Plant, the 14.1 MW PV units of Jiangsu Guanyun Photovoltaic Power Plant and the 16.13MW PV units of Zhejiang Huzhou Distributed Photovoltaic Power Plant (each being wholly owned by the Company) as well as the 40MW PV units of Huichang Photovoltaic Project of Huaneng Jiangsu Taicang Power Plant (75% owned by the Company), the 10MW PV units of Hunan Yueyang Xingang Photovoltaic Power Plant (60% owned by the Company), the 20MW PV units of Huichang Photovoltaic Project of Henan Qinbei Power Plant (60% owned by the Company), the 20MW PV units of Hunan Yueyang Leigutai Photovoltaic Power Plant (55% owned by the Company), the 2.2MW PV units of Tianjin Chenxi Photovoltaic Power Plant (55% owned by the Company), the 20MW PV units of Huaneng Shandong Laiwu Niuquan Photovoltaic Power Plant (80% owned by the Company), the 6.3MW PV units of Shandong Furuite Rooftop Photovoltaic Power Plant (76% owned by the Company), the 19.75MW PV units of Shandong Weihai Haibu Photovoltaic Power Plant (80% owned by the Company), the 100MW PV units of Shandong Zhanhua Qingfenghu Photovoltaic Power Plant (46% owned by the Company), the 19.8MW PV units of Shandong Ruyi Helan Photovoltaic Power Plant (40% owned by the Company) and the 12.5MW PV units of Huichang Photovoltaic Project of Hainan Haikou Power Plant (91.8% owned by the Company) have been put into operation in the second quarter. Meanwhile, the installed capacity of certain power plants invested by the Company also changed. As of 30 June 2017, the Company had a controlled installed capacity of 101,698MW and an equity-based installed capacity of 90,796MW.

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:

Cao Peixi (*Executive Director*)

Guo Junming (*Non-executive Director*)

Liu Guoyue (*Executive Director*)

Fan Xiaxia (*Executive Director*)

Huang Jian (*Non-executive Director*)

Wang Yongxiang (*Non-executive Director*)

Mi Dabin (*Non-executive Director*)

Guo Hongbo (*Non-executive Director*)

Cheng Heng (*Non-executive Director*)

Lin Chong (*Non-executive Director*)

Yue Heng (*Independent 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*)

Beijing, the PRC

18 July 2017