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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 INCREASES BY 0.97% IN THE FIRST QUARTER OF 2012

This announcement is made pursuant to Rules 13.09(1) and (2) of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited.

Huaneng Power International, Inc. (the “Company”) announces its power generation in the first quarter of 2012.

According to the Company’s preliminary statistics, as of 31 March 2012, the Company’s total power generation within China on consolidated basis amounted to 76.166 billion kWh, representing an increase of 0.97% over the same period last year. Total electricity sold amounted to 71.818 billion kWh, representing an increase of 0.96% over the same period last year.

The power generation growth of the Company in the first quarter is lower than the average growth rate nationwide, which is mainly attributable to the following reasons:

- (1) The rapid growth of the power generation in Northwest China pushed up the level of the national’s growth rate, whereas the Company’s generating units are mainly installed in the coastal regions in Southeast China and east of Guangdong Province, which experienced relatively steady growth in the first quarter.

- (2) The growth of the Company's installed generation capacity is 2.9 percentage points lower than the national's growth rate in first quarter of 2012 . This has reduced the Company's power generation growth over the same period last year by approximately 2.76 percentage points.
- (3) The tension in coal supply caused by safety incidents of local coal mines affected the power generation of the Company's two power plants in Yunnan.

The power generation and electricity sold by each of the Company's domestic power plants in the first quarter of 2012 are listed below (in billion kWh):

Domestic Power Plant	Power generation in the first quarter of 2012	Power generation in the first quarter of 2011	Change	Electricity sold in the first quarter of 2012	Electricity sold in the first quarter of 2011	Change
Liaoning Province						
Dalian	1.608	1.629	-1.29%	1.532	1.544	-0.78%
Dandong	1.010	0.887	13.87%	0.963	0.846	13.83%
Yingkou	1.811	2.101	-13.80%	1.692	1.969	-14.07%
Yingkou Co-generation	1.000	0.991	0.91%	0.936	0.925	1.19%
Wafangdian						
Wind Power	0.030	—	—	0.029	—	—
Inner Mongolia						
Huade Wind Power	0.039	0.032	21.88%	0.037	0.032	15.63%
Hebei Province						
Shang'an	3.294	3.390	-2.83%	3.023	3.198	-5.47%
Kangbao Wind Power	0	0.0002	-100%	—	—	—
Gansu Province						
Pingliang	3.000	3.205	-6.40%	2.840	3.047	-6.79%
Jiuquan Wind Power	0.175	—	—	0.172	—	—

Domestic Power Plant	Power generation in the first quarter of 2012	Power generation in the first quarter of 2011	Change	Electricity sold in the first quarter of 2012	Electricity sold in the first quarter of 2011	Change
Beijing						
Beijing Co-generation	1.437	1.337	7.48%	1.254	1.167	7.46%
Beijing Co-generation (Combined Cycle)	0.881	—	—	0.858	—	—
Tianjin						
Yangliuqing Co-generation	1.970	1.910	3.14%	1.825	1.780	2.53%
Shanxi Province						
Yushe	1.071	1.230	-12.93%	0.990	1.137	-12.93%
Zuoquan	0.884	—	—	0.829	—	—
Shandong Province						
Dezhou	3.529	3.703	-4.70%	3.313	3.489	-5.04%
Jining	1.296	1.420	-8.73%	1.207	1.327	-9.04%
Xindian	0.894	0.794	12.59%	0.840	0.743	13.06%
Weihai	2.729	2.542	7.36%	2.595	2.419	7.28%
Rizhao Phase II	1.709	1.815	-5.84%	1.616	1.722	-6.16%
Zhanhua Co-generation	0.414	0.500	-17.20%	0.377	0.457	-17.51%
Henan Province						
Qinbei	3.859	3.499	10.29%	3.644	3.307	10.19%

Domestic Power Plant	Power generation in the first quarter of 2012	Power generation in the first quarter of 2011	Change	Electricity sold in the first quarter of 2012	Electricity sold in the first quarter of 2011	Change
Jiangsu Province						
Nantong	2.322	2.387	-2.72%	2.219	2.286	-2.93%
Nanjing	0.979	1.025	-4.49%	0.924	0.967	-4.45%
Taicang	3.188	2.687	18.65%	3.039	2.557	18.85%
Huaiyin	1.855	1.861	-0.32%	1.751	1.758	-0.40%
Jinling (Combined-cycle)	0.848	0.363	133.61%	0.829	0.354	134.18%
Jinling (Coal-fired)	2.789	3.264	-14.55%	2.660	3.110	-14.47%
Qidong Wind Power	0.090	0.067	34.33%	0.088	0.065	35.38%
Shanghai						
Shidongkou First	2.211	1.944	13.73%	2.093	1.829	14.43%
Shidongkou Second	1.977	2.036	-2.90%	1.909	1.966	-2.90%
Shanghai Combined-cycle	0.201	0.223	-9.87%	0.196	0.218	-10.09%
Shidongkou Power	1.765	1.919	-8.03%	1.681	1.816	-7.43%
Chongqing						
Luohuang	3.882	4.301	-9.74%	3.605	3.999	-9.85%
Zhejiang Province						
Yuhuan	5.509	6.147	-10.38%	5.238	5.858	-10.58%
Hubei Province						
Enshi Maweigou	0.008	—	—	0.007	—	—
Hunan Province						
Yueyang	2.769	2.429	14.00%	2.596	2.290	13.36%
Xiangqi Hydropower	0.009	—	—	0.009	—	—

	Power generation in the first quarter of 2012	Power generation in the first quarter of 2011	Change	Electricity sold in the first quarter of 2012	Electricity sold in the first quarter of 2011	Change
Domestic Power Plant						
Jiangxi Province						
Jinggangshan	2.386	2.636	-9.48%	2.276	2.513	-9.43%
Fujian Province						
Fuzhou	3.110	2.469	25.96%	2.953	2.341	26.14%
Guangdong Province						
Shantou Coal-fired	1.346	1.711	-21.33%	1.278	1.599	-20.08%
Haimen	2.934	2.364	24.11%	2.808	2.255	24.52%
Yunnan Province						
Diandong Energy	2.007	3.005	-33.21%	1.853	2.771	-33.13%
Yuwang Energy	1.341	1.608	-16.60%	1.234	1.473	-16.23%
Total	76.166	75.431	0.97%	71.818	71.134	0.96%

The accumulated power generation of Tuas Power Limited in Singapore accounted for a market share of 26.2% in Singapore in the first quarter of 2012, representing an increase of 1.1 percentage points compared to the same period last year.

By Order of the Board
Huaneng Power International, Inc.
Gu Biquan
Company Secretary

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

Cao Peixi

(Executive Director)

Huang Long

(Non-executive Director)

Li Shiqi

(Non-executive Director)

Huang Jian

(Non-executive Director)

Liu Guoyue

(Executive Director)

Fan Xiaxia

(Executive Director)

Shan Qunying

(Non-executive Director)

Guo Hongbo

(Non-executive Director)

Xu Zujian

(Non-executive Director)

Huang Mingyuan

(Non-executive Director)

Shao Shiwei

(Independent Non-executive Director)

Wu Liansheng

(Independent Non-executive Director)

Li Zhensheng

(Independent Non-executive Director)

Qi Yudong

(Independent Non-executive Director)

Zhang Shouwen

(Independent Non-executive Director)

Beijing, the PRC

13 April 2012