

**TO: Business Editor
(FOR IMMEDIATE RELEASE)**

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**HUANENG POWER INTERNATIONAL, INC.
POWER GENERATION WITHIN CHINA INCREASES BY 22.03%
IN 2011**

(Beijing, China, January 10, 2012) Huaneng Power International, Inc. (“HPI”, the “Company”) (NYSE : HNP ; HKEx : 902 ; SSE : 600011) today announced its power generation in 2011.

According to the Company’s preliminary statistics, as of 31 December 2011, the Company’s total power generation within China on consolidated basis amounted to 313.554 billion kWh, representing an increase of 22.03% over the same period last year. Total electricity sold amounted to 295.717 billion kWh, representing an increase of 22.30% over the same period last year.

The increase in power generation of the Company was mainly attributable to the following reasons:

1. The Company seized the favourable opportunity of the good economic trend and greater national power demand in the PRC in 2011 and expanded various marketing channels, enlarged the market share, optimized the maintenance of generation units, optimized the power generation structure, and increased power generation with marginal contribution; and
2. Various new generating units of the Company had commenced operation since the second half year of 2010, and the Company also completed the acquisition of Zhanhua Co-generation and Diandong Energy, thereby increasing the Company’ s market share.

The power generation and electricity sold by each of the Company's domestic power plants in 2011 are listed below (in billion kWh):

Domestic Power Plant	Power generation of 2011	Power generation of 2010	Change	Electricity sold for 2011	Electricity sold for 2010	Change
Liaoning Province						
Dalian	6.805	7.912	-13.99%	6.457	7.524	-14.18%
Dandong	3.204	3.864	-17.08%	3.049	3.678	-17.10%
Yingkou	8.678	9.850	-11.90%	8.120	9.241	-12.13%
Yingkou Co-generation	3.137	3.669	-14.50%	2.929	3.417	-14.28%
Wafangdian Wind Power	0.066	-	-	0.065	-	-
Inner Mongolia						
Huade Wind Power	0.136	0.130	4.62%	0.134	0.127	5.51%
Hebei Province						
Shang'an	14.473	14.098	2.66%	13.616	13.249	2.77%
Kangbao Wind Power	0.003	-	-	-	-	-
Gansu Province						
Pingliang	12.214	8.945	36.55%	11.564	8.465	36.61%
Beijing						
Beijing Co-generation	4.887	4.704	3.89%	4.304	4.150	3.71%
Beijing Co-generation (Combined Cycle)	0.004	-	-	0.004	-	-
Tianjin						
Yangliuqing Co-generation	6.956	6.439	8.03%	6.510	5.995	8.59%
Shanxi Province						
Yushe	4.180	4.889	-14.50%	3.861	4.511	-14.41%
Shandong Province						
Dezhou	14.518	16.143	-10.07%	13.643	15.247	-10.52%
Jining	4.852	5.271	-7.95%	4.512	4.887	-7.67%
Xindian	3.313	3.657	-9.41%	3.100	3.437	-9.81%
Weihai	11.128	4.212	164.20%	10.586	3.972	166.52%
Rizhao Phase II	8.173	8.152	0.26%	7.717	7.728	-0.14%
Zhanhua Co-generation ¹	1.587	0.206	670.39%	1.451	0.188	671.81%
Henan Province						
Qinbei	15.146	13.961	8.49%	14.289	13.121	8.90%

Domestic Power Plant	Power generation of 2011	Power generation of 2010	Change	Electricity sold for 2011	Electricity sold for 2010	Change
Jiangsu Province						
Nantong	9.086	8.643	5.13%	8.665	8.205	5.61%
Nanjing	3.981	3.759	5.91%	3.757	3.545	5.98%
Taicang	11.373	11.624	-2.16%	10.790	10.706	0.78%
Huaiyin	7.370	8.048	-8.42%	6.933	7.578	-8.51%
Jinling (Combined-cycle)	3.740	2.434	53.66%	3.652	2.375	53.77%
Jinling (Coal-fired)	11.884	6.458	84.02%	11.312	6.078	86.11%
Qidong Wind Power	0.286	0.214	33.64%	0.280	0.210	33.33%
Shanghai						
Shidongkou First	7.681	7.566	1.52%	7.242	7.109	1.87%
Shidongkou Second	7.412	6.510	13.86%	7.112	6.239	13.99%
Shanghai Combined-cycle	1.266	1.650	-23.27%	1.235	1.609	-23.24%
Shidongkou Power	6.862	5.002	37.19%	6.481	4.713	37.51%
Chongqing						
Luohuang	15.560	12.535	24.13%	14.417	11.548	24.84%
Zhejiang Province						
Changxing ²	-	1.077	-	-	0.989	-
Yuhuan	26.768	23.440	14.20%	25.489	22.337	14.11%
Hubei Province						
Enshi Maweigou ³	0.0001	-	-	0.0001	-	-
Hunan Province						
Yueyang	10.679	5.786	84.57%	10.047	5.397	86.16%
Jiangxi Province						
Jinggangshan	9.485	8.252	14.94%	9.019	7.857	14.79%
Fujian Province						
Fuzhou	16.905	8.802	92.06%	16.071	8.378	91.82%
Guangdong Province						
Shantou Coal-fired	7.085	7.036	0.70%	6.647	6.572	1.14%
Haimen	15.213	12.012	26.65%	14.542	11.417	27.37%
Yunnan Province						
Diandong Energy ⁴	11.648	10.962	6.26%	10.771	-	-
Yuwang Energy ⁴	5.813	6.185	-6.02%	5.344	-	-
Total	313.554	256.950	22.03%	295.717	241.799	22.30%

1. Shandong Zhanhua Co-generation acquired by the Company was included in the Company's consolidated accounts since December 2010. The figures for 2010 represented the power generation and electricity sold in December 2010.
2. Changxing Power Plant in Zhejiang Province had ceased operation.
3. Hubei Enshi Maweigou Power was included in the Company's consolidated since December 30, 2011.
4. The figures representing the power generation of Yunnan Diandong Energy and Yuwang Energy in 2010 were for information only. These figures had not been included in the calculation of the total figures for the Company's power generation of 2010.

The accumulated power generation of Tuas Power Limited in Singapore in 2011 accounted for a market share of 26.9% in Singapore, representing an increase of 2.2 percentage points as compared to 24.7% of the same period last year.

In addition, the combined cycle extension project of Huaneng Beijing Co-generation Power Plant (in which the Company holds 41% equity interest) with an aggregate generation capacity of 923 MW, the 1x600 MW coal-fired generation unit (Unit No.1) in Shanxi Huaneng Zuoquan Power Plant (in which the Company holds 80% equity interest) and the 1x20 MW generation unit (Unit No.1) of Hunan Yongzhou Xiangqi Hydropower Plant (which is wholly-owned by the Company) had respectively completed the trial run by end of 2011. In addition, the transaction relating to the Company's acquisition of Hubei Province Enshi City Maweigou Valley Hydropower Development Co., Ltd. (which is 100% owned by the Company) with an aggregate generation capacity of 15 MW completed on 30 December 2011.

The above project and units in aggregate increased the controlled power generation capacity of the Company by 1,558 MW, and the equity-based power generation of the Company capacity by 893.4 MW. As of December 31, 2011, the controlled power generation capacity of the Company increased from 56,419 MW to 57,977 MW, and the equity-based power generation capacity of the Company increased from 52,292.5 MW to 53,185.9 MW.

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About the Company

The Company is one of China's largest listed power producers with controlled generation capacity of 57,977 MW and equity-based generation capacity of 53,185.9 MW. The power plants of the Company are located in 19 provinces, municipalities and autonomous regions in China. The Company also has a wholly-owned power company in Singapore.

For enquiries, please contact:

Huaneng Power International, Inc.

Ms. MENG Jing / Ms. ZHAO Lin

Tel: (8610) 6608 6765 / 6322 6596

Fax: (8610) 6641 2321

Email: zqb@hpi.com.cn

Wonderful Sky Financial Group Limited

Mr. Hon Fung / Ms. Yolanda Wang / Mr. Tony Chen / Ms. Sharon Lau

Tel: (852) 2851 1038

Fax: (852) 2865 1638

Email: hf@wsfg.hk / yolandawang@wsfg.hk / tonychen@wsfg.hk / sharonlau@wsfg.hk