

HUANENG POWER INTERNATIONAL INC  
Form 6-K  
January 12, 2012

FORM 6-K

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16 of  
The Securities Exchange Act of 1934

For the month of January, 2012

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

Form 20-F  Form 40-F

(Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.)

Yes  No

(If "Yes" is marked, indicate below the file number assigned to registrant in connection with Rule 12g3-2(b):  
82-\_\_\_\_\_. )

N/A

Huaneng Power International, Inc.  
Huaneng Building,  
4 Fuxingmennei Street,  
Xicheng District,  
Beijing, 100031 PRC

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This Form 6-K consists of:

An announcement regarding power generation increase of Huaneng Power International, Inc. (the "Registrant") in 2011, made by the Registrant on January 11, 2012.

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POWER GENERATION WITHIN CHINA  
INCREASES BY 22.03% IN 2011

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 of 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
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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.

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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	0.0003	—	—	—	—	—
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%

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Domestic Power Plant	Power generation of 2011	Power generation of 2010	Change	Electricity sold for 2011	Electricity sold for 2010	Change
<b>Shandong Province</b>						
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-generation1	1.587	0.206	670.39%	1.451	0.188	671.81%
<b>Henan Province</b>						
Qinbei	15.146	13.961	8.49%	14.289	13.121	8.90%
<b>Jiangsu Province</b>						
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%
<b>Shanghai</b>						
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						