

HUANENG POWER INTERNATIONAL INC  
Form 6-K  
July 10, 2009

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 July, 2009,

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

Form	X	Form
20-F		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	X
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(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.  
West Wing, Building C, Tianyin Mansion  
No. 2C Fuxingmennan Street  
Xicheng District  
Beijing, 100031 PRC

This Form 6-K consists of:

An announcement on power generation of Huaneng Power International, Inc. (the “Registrant”) for the six months ended June 30, 2009, made by the Registrant on July 10, 2009.

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(a Sino-foreign joint stock limited company incorporated in the People's Republic of China)  
(Stock Code: 902)

POWER GENERATION  
IN THE FIRST HALF YEAR of 2009

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 domestic power generation for the first half year of 2009.

According to the Company's preliminary statistics, as of 30 June 2009, the Company's total domestic power generation on consolidated basis amounted to 86.107 billion kWh, representing a decrease of 5.84% over the same period in 2009.

The decrease in the Company's power generation was mainly due to:-

1. Under the influence of the international financial crisis, power demand in the domestic market declined.
2. New generating units are put into operation continuously, thereby leading to the decline in the average utilization hours of power generation in majority of regions and a negative growth in the Company's power generation.

The power generation of each of the Company's domestic power plants in the first half year of 2009 was listed below (in billion kWh):

Domestic Power Plant	Power generation in the first half year of 2009	Power generation in the first half year of 2008	Change
Liaoning Province			
Dalian	3.739	4.688	-20.24%
Dandong	1.962	2.359	-16.83%
Yingkou	4.394	5.367	-18.13%
Hebei Province			

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Shang'an	5.925	3.657	62.02%
Gansu Province Pingliang	2.398	4.128	-41.91%

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Shanxi Province			
Yushe	2.095	2.614	-19.85%
Shandong Province			
Dezhou	6.678	6.849	-2.50%
Jining	1.082	1.208	-10.43%
Xindian	1.723	2.422	-28.86%
Weihai	1.684	2.287	-26.37%
Rizhao Phase II	2.989	—	—
Henan Province			
Qinbei	5.693	4.831	17.84%
Jiangsu Province			
Nantong	3.382	4.364	-22.50%
Nanjing	1.548	1.877	-17.53%
Taicang	5.518	5.127	7.63%
Huaiyin	3.177	3.852	-17.52%
Jinling Combined-cycle	1.314	1.065	23.38%
Shanghai			
Shidongkou First	3.329	3.902	-14.68%
Shidongkou Second	3.166	3.687	-14.13%
Shanghai Combined-cycle	0.116	0.049	136.73%
Chongqing			
Luohuang	4.639	6.141	-24.46%
Zhejiang Province			
Changxing	0.692	0.838	-17.42%
Yuhuan	8.890	8.415	5.64%
Hunan province			
Yueyang	1.897	3.148	-39.74%
Jiangxi Province			
Jinggangshan	1.274	1.558	-18.23%
Fujian Province			
Fuzhou	3.770	3.515	7.25%
Guangdong Province			
Shantou Coal-fired	3.033	3.500	-13.34%
Total	86.107	91.448	-5.84%



As of 30 June 2009, the power generation of Tuas Power Limited in Singapore amounted to 4.723 billion kWh, representing a decrease of 6.32% over to the same period of the previous year.

By Order of the Board  
Gu Biquan  
Company Secretary

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

Cao Peixi (Executive Director)	Liu Jipeng (Independent Non-executive Director)
Huang Long (Non-executive Director)	Yu Ning (Independent Non-executive Director)
Wu Dawei (Non-executive Director)	Shao Shiwei (Independent Non-executive Director)
Huang Jian (Non-executive Director)	Zheng Jianchao (Independent Non-executive Director)
Liu Guoyue (Executive Director)	Wu Liansheng (Independent Non-executive Director)
Fan Xiaxia (Executive Director)	
Shan Qunying (Non-executive Director)	
Xu Zujian (Non-executive Director)	
Huang Mingyuan (Non-executive Director)	
Liu Shuyuan (Non-executive Director)	

Beijing, the PRC  
10 July 2009

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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the under-signed, thereunto duly authorized.

HUANENG POWER INTERNATIONAL, INC.

By	/s/ Gu Biquan
Name:	Gu Biquan
Title:	Company Secretary

Date: July 10, 2009