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

(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):

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

Hebei Province

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

Shanxi Province Yushe	2.095	2.614	-19.85%
Shandong Province Dezhou Jining Xindian Weihai Rizhao Phase II	6.678 1.082 1.723 1.684 2.989	6.849 1.208 2.422 2.287	-2.50% -10.43% -28.86% -26.37%
Henan Province Qinbei Jiangsu Province	5.693	4.831	17.84%
Nantong Nanjing Taicang Huaiyin Jinling Combined-cycle	3.382 1.548 5.518 3.177 1.314	4.364 1.877 5.127 3.852 1.065	-22.50% -17.53% 7.63% -17.52% 23.38%
Shanghai Shidongkou First Shidongkou Second Shanghai Combined-cycle	3.329 3.166 0.116	3.902 3.687 0.049	-14.68% -14.13% 136.73%
Chongqing Luohuang	4.639	6.141	-24.46%
Zhejiang Province Changxing Yuhuan	0.692 8.890	0.838 8.415	-17.42% 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 Liu Jipeng

(Executive Director) (Independent Non-executive Director)

Huang Long Yu Ning

(Non-executive Director) (Independent Non-executive Director)

Wu Dawei Shao Shiwei

(Non-executive Director) (Independent Non-executive Director)

Huang Jian Zheng Jianchao

(Non-executive Director) (Independent Non-executive Director)

Liu Guoyue Wu Liansheng

(Executive Director) (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

### **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