

HUANENG POWER INTERNATIONAL INC  
Form 6-K  
March 13, 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 March, 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

This Form 6-K consists of:

An announcement regarding completed trial run by Qinbei Power Plant Unit 5 of Huaneng Power International, Inc. (the "Registrant"), made by the Registrant on March 13, 2012.

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OVERSEAS REGULATORY ANNOUNCEMENT

Qinbei Power Plant Unit 5 Completed Trial Run

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

Huaneng Power International, Inc. (the "Company") announced that one 1,000MW ultra-super critical coal-fired generating unit (Unit 5) of Henan Huaneng Qinbei Power Plant Phase III Project (of which the Company owns 60% equity interests) has completed trial run recently.

To-date, the Company's total controlled generation capacity has increased from 59,078.5MW to 60,078.5MW, and total equity-based generation capacity has increased from 54,167.4MW to 54,767.4MW.

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 March 2012

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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.

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

Date: March 13, 2012

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