

HUANENG POWER INTERNATIONAL INC  
Form 6-K  
August 13, 2008

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 August, 2008,

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

Form  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

(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 the commenced commercial operation of Unit 5 of Shangan Power Plant of Huaneng Power International, Inc. (the "Registrant"), made by the Registrant on August 13, 2008.

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

Overseas Regulatory announcement  
Unit 5 of Shangan Power Plant Commenced Commercial Operation

This announcement is made pursuant to Rule 13.09(2) of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited.

Huaneng Power International, Inc. (the "Company") announces that a 600MW supercritical air-cooling desulphurization coal-fired generating unit (Unit 5) of the Phase III Project at Huaneng Shangan Power Plant, which is wholly owned by the Company, has obtained approvals from the relevant authorities recently and commenced commercial operation on 1 July 2008. To date, the Company's total generation capacity on an equity basis has increased from 36,393MW to 36,993MW.

Unit 5 of Shangan Power Plant is the first 600MW supercritical air-cooling unit which commenced operation in the PRC. The project represents the integration of high-efficiency and low-consumption supercritical power generating technology with water-saving direct air-cooling technology for the first time in the PRC. The environmental protection benefits in terms of energy saving and water saving are significant.

By Order of the Board  
Gu Biquan  
Company Secretary

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

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| Huang Yongda<br>(Non-executive Director)   | Liu Jipeng<br>(Independent Non-executive Director)     |
| Huang Long<br>(Non-executive Director)     | Yu Ning<br>(Independent Non-executive Director)        |
| Wu Dawei<br>(Non-executive Director)       | Shao Shiwei<br>(Independent Non-executive Director)    |
| Liu Guoyue<br>(Executive Director)         | Zheng Jianchao<br>(Independent Non-executive Director) |
| Fan Xi Xia<br>(Executive Director)         | Wu Liansheng<br>(Independent Non-executive Director)   |
| Shan Qunying<br>(Non-executive Director)   |  |
| Xu Zujian<br>(Non-executive Director)      |  |
| Huang Mingyuan<br>(Non-executive Director) |  |
| Liu Shuyuan<br>(Non-executive Director)    |  |

Beijing, the PRC  
13 August 2008

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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: August 13, 2008