

HUANENG POWER INTERNATIONAL INC  
Form 6-K  
December 28, 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 December, 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  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 approval obtained on Pingliang Power Plant Phase II Expansion Project of Huaneng Power International, Inc. (the "Registrant"), made by the Registrant on December 24, 2009.

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OVERSEAS REGULATORY ANNOUNCEMENT  
APPROVAL OBTAINED ON PINGLIANG  
POWER PLANT PHASE II EXPANSION PROJECT

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 two 600 MW domestic supercritical coal-fired air-cooling generating units of the Phase II Project at Pingliang Power Plant (in which the Company has controlling interests) have recently been approved by the National Development and Reform Commission of the PRC.

The Phase II Project at Pingliang Power Plant will concurrently install high-performance electrostatic precipitators, flue-gas desulphurisation and on-line flue-gas monitoring system, leaving room for flue-gas denitrification. Various emission indices at the power plant will satisfy the environmental protection requirements of the State.

The total investment amount of the project is estimated to be approximately RMB4.35 billion, of which 20% is equity capital which is to be funded by internal funds of the Company and Gansu Electric Power Investment Longneng Company Limited according to the capital contribution ratio of 65% and 35%, respectively. The remaining

investment will be funded by bank loans.

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)  
Wu Dawei  
(Non-executive Director)  
Huang Jian  
(Non-executive Director)  
Liu Guoyue  
(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)

Liu Jipeng  
(Independent Non-executive Director)  
Yu Ning  
(Independent Non-executive Director)  
Shao Shiwei  
(Independent Non-executive Director)  
Zheng Jianchao  
(Independent Non-executive Director)  
Wu Liansheng  
(Independent Non-executive Director)

Beijing, the PRC  
24 December 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: December 24, 2009