

This Form 6-K consists of:

1. An announcement on approval of the new A share issue by Huaneng Power Inc. (the "Registrant") from China Securities Regulatory Commission; and
2. An announcement on approval of the new H share issue by the Registrant from China Securities Regulatory Commission;

Each made by the Registrant on December 1, 2010.

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 1, 2010

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OVERSEAS REGULATORY ANNOUNCEMENT

APPROVAL OF THE NEW A SHARE ISSUE BY
CHINA SECURITIES REGULATORY COMMISSION

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

For details of the background of the matters mentioned herein, please refer to the announcement and circular issued by Huaneng Power International, Inc. (the "Company") on 27 July 2010 and 6 August 2010, respectively.

The Company announced that it has on 29 November 2010 received the "Approval relating to the application for non-public issuance of shares by Huaneng Power International, Inc. (Zhengjian Xuke No. [2010]1701)" from China Securities Regulatory Commission ("CSRC"), pursuant to which CSRC approved the non-public issuance of not more than 1,500,000,000 new A Shares by the Company within six months from the date of the issue of the approval.

The board of directors of the Company will execute the non-public issuance of A shares as soon as possible in accordance with the requirements as set out in the above approval and under the authorisation as granted by the shareholders of the Company at the general meeting.

The contact persons for this New Issue and their contact details are as follows:

- | | |
|-----------------|-----------------------------------|
| 1. Issuer: | Huaneng Power International, Inc. |
| Contact person: | Jia Wenxin |
| Telephone: | 8610-6608 6750 |
| Fax: | 8610-6641 2321 |

2. Sponsor: China International Capital Corporation
Limited
Representatives of the sponsor: Ding Ning, Xu Lei
Contact persons: Jiang Xuetao, Niu Nianzong
Telephone: 8610-65051166
Fax: 8610-65058137

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)	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
1 December 2010

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OVERSEAS REGULATORY ANNOUNCEMENT

APPROVAL OF THE NEW H SHARE ISSUE BY
CHINA SECURITIES REGULATORY COMMISSION

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

For details of the background of the matters mentioned herein, please refer to the announcement and circular issued by Huaneng Power International, Inc. (the "Company") on 27 July 2010 and 6 August 2010, respectively.

The Company announced that it has on 26 November 2010 received the "Approval relating to the application for issuance of overseas listed shares by Huaneng Power International, Inc. (Zhengjian Xuke No. [2010]1700)" from China Securities Regulatory Commission ("CSRC"), pursuant to which CSRC approved the Company's private placement of not more than 500,000,000 overseas listed shares with a par value of RMB1.00 each, all of which are ordinary shares.

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)

Liu Jipeng
(Independent Non-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)

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
1 December 2010
