

This Form 6-K consists of:

An announcement on resolution passed at the extraordinary general meeting of Huaneng Power International, Inc. (the "Registrant"), made by the Registrant on December 24, 2008.

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, 2008

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

RESOLUTION PASSED AT THE EXTRAORDINARY
GENERAL MEETING

This announcement sets out the resolution passed at the EGM held on 23 December 2008.

Reference is made to the notice of the extraordinary general meeting (the "EGM" or the "Meeting") of Huaneng Power International, Inc. (the "Company") issued on 7 November 2008.

The EGM was held at 9:00 a.m. on 23 December 2008 at the headquarters of the Company at West Wing, Building C, Tianyin Mansion, 2C, Fuxingmennan Street, Xicheng District, Beijing, the People's Republic of China. Mr. Cao Peixi (Chairman of the Company) and Mr. Huang Long (Vice Chairman of the Company) were unable to preside over the meeting due to other businesses. As nominated by more than 50% of the sixth session of the Board of Directors of the Company, Wu Dawei (Director), presided over the EGM as the chairman.

As at the record date (i.e. 21 November 2008) (the "Record Date"), there were totally 12,055,383,440 shares of the Company entitled to attend the EGM and to vote for or against the resolution tabled thereat. Shareholders and authorized proxies holding an aggregate of 9,788,552,980 shares of the Company, representing 81.20% of the total shares of the Company, were present at the EGM. Holders of 716,140,041 H shares of the Company, through HKSCC (Nominees) Limited, appointed the chairman of the Meeting as their proxy to attend and vote on their behalf. Holders of 745,170,400 H shares of the Company, through HSBC Nominees (Hong Kong) Limited, appointed the chairman of the Meeting as their proxy to attend and vote on their behalf.

According to the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited, connected persons (including China Huaneng Group and its respective associates and shareholders of the Company who are involved in or interested in the transactions as contemplated by the resolution to be considered at the EGM) holding an aggregate of 6,121,786,667 shares of the Company, representing 50.78% of the total issued share capital of the Company as of the Record Date, shall abstain and has abstained from voting on the resolution tabled at the EGM.

Hong Kong Registrars Limited, the share registrar of the Company, jointly with Haiwen & Partners, the Company's PRC counsel, acted as the scrutineer for the vote-takings.

After reviewing the resolution proposed by the board of directors, the shareholders of the Company and their proxies present at the Meeting resolved through voting by way of a poll to approve the following resolutions:

Special Resolution:

1. To consider and approve the proposal regarding the issuance of mid-term financial instruments by the Company

9,042,392,729 shares, representing approximately 92.40% of the total number of shares held by the shareholders (including proxies) present at the EGM carrying voting rights, voted for the resolution, while 744,073,371 shares voted against the resolution.

Ordinary Resolutions:

2. To consider and approve the framework agreement on the continuing connected transactions (for 2009) between Huaneng Power International Inc. and China Huaneng Group, the continuing connected transactions as

contemplated thereby and the transaction caps thereof

3,645,029,593 shares, representing approximately 99.95% of the total number of shares held by the shareholders (including proxies) present at the EGM carrying voting rights, voted for the resolution, while 1,841,280 shares voted against the resolution.

3. To consider and approve the framework agreement on the continuing connected transactions (for years 2009 to 2011) between Huaneng Power International Inc. and China Huaneng Finance Corporation Limited, the continuing connected transactions as contemplated thereby and the transaction caps thereof

2,832,810,552 shares, representing approximately 77.68% of the total number of shares held by the shareholders (including proxies) present at the EGM carrying voting rights, voted for the resolution, while 813,982,721 shares voted against the resolution.

By Order of the Board
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 2008