

This Form 6-K consists of:

An announcement regarding issue of short-term debentures of Huaneng Power International, Inc. (the “Registrant”), made by the Registrant on August 22, 2015.

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OVERSEAS REGULATORY ANNOUNCEMENT

ISSUE OF SHORT-TERM DEBENTURES

This announcement is made pursuant to Rule 13.10B of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited (the “Listing Rules”).

As resolved at the 2014 annual general meeting of Huaneng Power International, Inc. (the “Company”) held on 25 June 2015, the Company has been given a mandate to issue short-term debentures (in either one or multiple tranches on rolling basis) with a principal amount of up to RMB15 billion (which means that the outstanding principal balance of the short-term debentures in issue shall not exceed RMB15 billion at any time within the period as prescribed herein) in the PRC within 24 months from the date on which the shareholders’ approval was obtained.

The Company has recently completed the issue of the second tranche of the Company’s short-term debentures for 2015 (the “Debentures”). The total issuing amount was RMB3 billion with a maturity period of 366 days whereas the unit face value is RMB100 and the interest rate is 3.17%.

Bank of China Limited acts as the lead underwriter to form the underwriting syndicate for the Debentures, which were placed through book-building and issued in the domestic bond market among banks. The proceeds from the Debentures will be used to supplement the operational working capital of the Company.

The relevant documents in respect of the Debentures are posted on China Money and Shanghai Clearing House at websites of www.chinamoney.com.cn and www.shclearing.com, respectively.

The Debentures do not constitute any transaction under Chapter 14 and Chapter 14A of the Listing Rules.

By Order of the Board
Huaneng Power International, Inc.
Du Daming
Company Secretary

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

Cao Peixi
(Executive Director)
Guo Junming
(Non-executive Director)
Liu Guoyue
(Executive Director)
Li Shiqi
(Non-executive Director)
Huang Jian
(Non-executive Director)
Fan Xiaxia
(Executive Director)
Mi Dabin
(Non-executive Director)
Guo Hongbo
(Non-executive Director)
Zhu Yousheng
(Non-executive Director)
Li Song
(Non-executive Director)

Li Zhensheng
(Independent Non-executive Director)
Zhang Shouwen
(Independent Non-executive Director)
Yue Heng
(Independent Non-executive Director)
Geng Jianxin
(Independent Non-executive Director)
Xia Qing
(Independent Non-executive Director)

Beijing, the PRC
22 August 2015

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/ Du Daming*

Name: Du Daming
Title: Company Secretary

Date: August 24, 2015