

This Form 6-K consists of:

An announcement regarding issue of super short-term debentures of Huaneng Power International, Inc. (the “Registrant”), made by the Registrant on September 13, 2014.

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(Stock Code: 902)

**OVERSEAS REGULATORY ANNOUNCEMENT
ISSUE OF SUPER 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 2012 annual general meeting of Huaneng Power International, Inc. (the “Company”) held on 19 June 2013, the Company has been given a mandate to issue super short-term debentures (in either one or multiple tranches on rolling basis) with a principal amount of up to RMB30 billion (which means that the outstanding principal balance of the super short-term debentures in issue shall not exceed RMB30 billion at any time within the period as prescribed therein) 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 super short-term debentures of Huaneng Power International, Inc. for 2014 (the “Debentures”). The total issuing amount was RMB3 billion with a maturity period of 270 days whereas the unit face value is RMB100 and the interest rate is 4.63%.

China Construction Bank Corporation acts as the lead underwriter to form the underwriting syndicate for the Debentures, which were placed through book-building and issued in the domestic inter-bank bond market. The proceeds from the Debentures will be used principally to settle part of the bank loans so as to improve its debt structure and to supplement short term operational working capital.

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)	Shao Shiwei (Independent Non-executive Director)
Huang Long (Non-executive Director)	Wu Liansheng (Independent Non-executive Director)
Li Shiqi (Non-executive Director)	Li Zhensheng (Independent Non-executive Director)
Huang Jian (Non-executive Director)	Qi Yudong (Independent Non-executive Director)
Liu Guoyue (Executive Director)	Zhang Shouwen (Independent Non-executive Director)
Fan Xiaxia (Executive Director)	
Shan Qunying (Non-executive Director)	
Guo Hongbo (Non-executive Director)	
Xu Zujian (Non-executive Director)	
Xie Rongxing (Non-executive Director)	

Beijing, the PRC
13 September 2014

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: September 15, 2014