

This Form 6-K consists of:

An announcement regarding projects progress of Huaneng Power International, Inc. (the “Registrant”), made by the Registrant on January 6, 2015.

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(Stock Code: 902)

OVERSEAS REGULATORY ANNOUNCEMENT
ANNOUNCEMENT ON PROGRESS OF PROJECTS

This announcement is issued pursuant to Rule 13.10B of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited.

Huaneng Power International Inc. (the “Company”) announces that the Company's first F-grade natural gas combined cycle unit with 463 MW of Huaneng Lingang (Tianjin) Gas Turbine Cogeneration Co., Ltd., the 24 x 2 MW wind turbines (a total of 48 MW) of Jiangxi Huaneng Jianggongling Wind Farm and the photovoltaic (PV) project in distributed PV modules with 5 MW (out of a total of 10 MW) of Zhejiang Huaneng Si'an Power Plant have respectively put into operation by end of 2014. All the above projects are wholly-owned by the Company.

As at 31 December 2014, the Company's controlled generation capacity was 70,484 MW and the equity based generation capacity was 63,757 MW.

By Order of the Board
Huaneng PowerInternational, 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)

Xu Zujian
(Non-executive Director)

Li Song
(Non-executive Director)

Li Zhensheng
(Independent Non-executive Director)

Qi Yudong
(Independent Non-executive Director)

Zhang Shouwen
(Independent Non-executive Director)

Yue Heng
(Independent Non-executive Director)

Zhang Lizi
(Independent Non-executive Director)

Beijing, the PRC

6 January 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: January 6, 2015