



This Form 6-K consists of:

An announcement on monthly return of Huaneng Power International, Inc. (the “Registrant”), made by the Registrant on August 3, 2010.

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For Main Board and GEM listed issuers

Monthly Return of Equity Issuer on Movements in Securities

For the month ended (dd/mm/yyyy) : 31/07/2010

To : Hong Kong Exchanges and Clearing Limited

Name of Issuer Huaneng Power International, Inc

Date Submitted 03/08/2010

I. Movements in Authorised Share Capital

1. Ordinary Shares

(1) Stock code : 902 Description : “H” share listed in H.K.  
“ADR” listed in N.Y.

	No. of ordinary shares	Par value (RMB)	Authorised share capital (RMB)
Balance at close of preceding month	3,055,383,440	1.00	3,055, 383,440
Increase/(decrease)	0		0
Balance at close of the month	3,055, 383,440	1.00	3,055, 383,440

(2) Stock code : 600011 Description : “A” share listed in Shanghai

	No. of ordinary shares	Par value (RMB)	Authorised share capital (RMB)
Balance at close of preceding month	9,000,000,000	1.00	9,000,000,000
Increase/(decrease)	0		0
Balance at close of the month	9,000,000,000	1.00	9,000,000,000

For Main Board and GEM listed issuers

2. Preference Shares

Stock code : N/A Description :

	No. of preference shares	Par value (State currency)	Authorised share capital (State currency)
Balance at close of preceding month			
Increase/(decrease)			
Balance at close of the month			

3. Other Classes of Shares

Stock code : N/A Description :

	No. of other classes of shares	Par value (State currency)	Authorised share capital (State currency)
Balance at close of preceding month			
Increase/(decrease)			
Balance at close of the month			

Total authorised share capital at the end of the month (RMB) : 12,055, 383,440

For Main Board and GEM listed issuers

II. Movements in Issued Share Capital

	(1)	(2)	No of preference shares	No. of other classes of shares
Balance at close of 3,055, preceding month	383,440	9,000,000,000	N/A	N/A
Increase/ (decrease) during the month	0	0		
Balance at close of 3,055, the month	383,440	9,000,000,000		

III. Details of Movements in Issued Share Capital

Share Options (under Share Option Schemes of the Issuer): N/A

Particulars of share option scheme including EGM approval date (dd/mm/yyyy) and class of shares issuable	Movement during the month				No. of new shares of issuer issued during the month pursuant thereto	No. of new shares of issuer which may be issued pursuant thereto as at close of the month
	Granted	Exercised	Cancelled	Lapsed		
1.						
( / / ) shares (Note 1)						
2.						
( / / ) shares (Note 1)						
3.						
( / / ) shares (Note 1)						
Total A. (Ordinary shares)						

(Preference shares)

(Other class)