

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.

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)

Total funds raised during the month from exercise of
options (State currency)

For Main Board and GEM listed issuers

Warrants to Issue Shares of the Issuer which are to be Listed: N/A

Description of warrants (Date of expiry - dd/mm/yyyy)	Currency of nominal value	Nominal value at close of preceding month	Exercised during the month	Nominal value at close of 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
1. (/ /) Stock code (if listed) Class of shares issuable (Note 1) Subscription price EGM approval date (if applicable) (dd/mm/yyyy)						
2. (/ /) Stock code (if listed) Class of shares issuable (Note 1) Subscription price EGM approval date (if applicable) (dd/mm/yyyy)						
3. (/ /) Stock code (if listed) Class of shares issuable (Note 1) Subscription price EGM approval date (if applicable) (dd/mm/yyyy)						

(dd/mm/yyyy)

4.

(/ /)

Stock code (if listed)

Class of shares

issuable (Note 1)

Subscription price

EGM approval date

(if applicable)

(dd/mm/yyyy)

(/ /)

Total B. (Ordinary shares)

(Preference shares)

(Other class)



For Main Board and GEM listed issuers

Convertibles (i.e. Convertible into Shares of the Issuer which are to be Listed): N/A

Class and description	Currency of amount outstanding	Amount at close of preceding month	Converted during the month	Amount at close of 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
1. Stock code (if listed) Class of shares issuable (Note 1) Subscription price EGM approval date (if applicable) (dd/mm/yyyy)						
2. Stock code (if listed) Class of shares issuable (Note 1) Subscription price EGM approval date (if applicable) (dd/mm/yyyy)	(/ /)					
3. Stock code (if listed) Class of shares issuable (Note 1) Subscription price EGM approval date (if applicable) (dd/mm/yyyy)	(/ /)					
4. Stock code (if listed) Class of shares issuable (Note 1) Subscription price EGM approval date (if applicable) (dd/mm/yyyy)	(/ /)					

(dd/mm/yyyy)

4.

Stock code (if listed)

Class of shares issuable (Note 1)

Subscription price

EGM approval date

(if applicable)

(dd/mm/yyyy)

(/ /)

Total C. (Ordinary shares)

(Preference shares)

(Other class)



For Main Board and GEM listed issuers

Any other Agreements or Arrangements to Issue Shares of the Issuer which are to be Listed, including Options (other than under Share Option Schemes) : N/A

	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
Full particulars including EGM approval date (dd/mm/yyyy), if applicable, and class of shares issuable:		

1.

(/ /)
shares (Note 1)

2.

(/ /)
shares (Note 1)

3.

(/ /)
shares (Note 1)

Total D. (Ordinary shares)
 (Preference shares)
 (Other class)

For Main Board and GEM listed issuers

Other Movements in Issued Share Capital: N/A

Type of Issue			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
1. Rights issue	At priceState : currency	Class of shares _____ issuable (Note 1) Issue and allotment (/ /) date : (dd/mm/yyyy) (/ /) EGM approval date: (dd/mm/yyyy)		
2. Open offer	At priceState : currency	Class of shares _____ issuable (Note 1) Issue and allotment (/ /) date : (dd/mm/yyyy) (/ /) EGM approval date: (dd/mm/yyyy)		
3. Placing	At priceState : currency	Class of shares _____ issuable (Note 1) Issue and allotment (/ /) date : (dd/mm/yyyy) (/ /) EGM approval date: (dd/mm/yyyy)		
4. Bonus issue				

Class of shares _____
issuable (Note 1)

Issue and allotment (/ /)
date :
(dd/mm/yyyy)

(/ /)

EGM approval date:
(dd/mm/yyyy)

For Main Board and GEM listed issuers

Type of Issue	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
5. Scrip dividend	At price : State currency	Class of shares _____ issuable (Note 1) Issue and allotment (/ /) date : (dd/mm/yyyy) EGM approval date: (/ /) (dd/mm/yyyy)
6. Repurchase of shares		Class of shares _____ repurchased (Note 1) Cancellation date : (/ /) (dd/mm/yyyy) EGM approval date: (/ /) (dd/mm/yyyy)
7. Redemption of shares		Class of shares _____ redeemed (Note 1) Redemption date : (/ /) (dd/mm/yyyy) EGM approval date: (/ /) (dd/mm/yyyy)
8. Consideration issue	At price : State currency	Class of shares _____ issuable (Note 1)

Issue and allotment (/ /)
date : (dd/mm/yyyy)

EGM approval date: (/ /)
(dd/mm/yyyy)

For Main Board and GEM listed issuers

Type of Issue	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
<p>9. Capital reorganisation</p>	<p>Class of shares _____ issuable (Note 1)</p> <p>Issue and allotment date : (/ /) (dd/mm/yyyy)</p> <p>(/ /)</p> <p>EGM approval date: (dd/mm/yyyy)</p>	
<p>10. Other (Please specify) At price : State currency</p>	<p>Class of shares _____ issuable (Note 1)</p> <p>Issue and allotment date : (/ /) (dd/mm/yyyy)</p> <p>(/ /)</p> <p>EGM approval date: (dd/mm/yyyy)</p>	
	<p>Total E. (Ordinary shares) (Preference shares) (Other class)</p>	
<p>Total increase / (decrease) in ordinary shares during the month (i.e. Total of A to E):</p>	<p>(1)</p>	<p>0</p>
	<p>(2)</p>	<p>0</p>
<p>Total increase / (decrease) in preference shares during the month (i.e. Total of A to E):</p>		<p>N/A</p>
<p>Total increase / (decrease) in other classes of shares during the month (i.e. Total of A to E):</p>		<p>N/A</p>

(These figures should be the same as the relevant figures under II above (“Movements in Issued Share Capital”).)

For Main Board and GEM listed issuers

Remarks (if any):

Submitted by: Biquan Gu

Title: Company Secretary
(Director, Secretary or other duly authorised officer)

Notes :

1. State the class of shares (e.g. ordinary, preference or other).
 2. If there is insufficient space, please append the prescribed continuation sheet.
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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: August 3, 2010