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華能國際電力股份有限公司

HUANENG POWER INTERNATIONAL, INC.

(a Sino-foreign joint stock limited company incorporated in the People's Republic of China)

(Stock Code: 902)

NOTICE OF 2025 FIRST EXTRAORDINARY GENERAL MEETING

NOTICE IS HEREBY GIVEN that the 2025 first extraordinary general meeting (the "**EGM**") of Huaneng Power International, Inc. (the "**Company**") will be held at 9:00 a.m. on 23 September 2025 at Conference Room A102, the headquarters of the Company, Huaneng Building, 6 Fuxingmennei Street, Xicheng District, Beijing, the People's Republic of China ("**PRC**") for the purposes of considering and approving the following resolutions:

ORDINARY RESOLUTION

1. To consider and approve the resolution relating to the appointment of a director of the Company

SPECIAL RESOLUTIONS

2.00 To consider and approve the resolutions relating to the proposed amendments to the Articles of Association and its appendices (excluding provisions relating to class shareholders), and the abolition of the supervisory committee:

2.01 To consider and approve the resolution relating to the proposed amendments to the Articles of Association (excluding provisions relating to class shareholders), and the abolition of the supervisory committee

2.02 To consider and approve the resolution relating to the proposed amendments to the Rules of Procedure for the General Meetings (excluding provisions relating to class shareholders)

2.03 To consider and approve the resolution relating to the proposed amendments to the Rules of Procedure for the Board Meetings

3.00 To consider and approve the resolutions regarding the proposed amendments to the provisions relating to class shareholders in the Articles of Association and its appendices:

3.01 To consider and approve the resolution regarding the proposed amendments to the provisions relating to class shareholders in the Articles of Association

3.02 To consider and approve the resolution regarding the proposed amendments to the provisions relating to class shareholders in the Rules of Procedure for the General Meetings

By Order of the Board
Huaneng Power International, Inc.
Huang Chaoquan
Company Secretary

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

Wang Kui *(Executive Director)*
Du Daming *(Non-executive Director)*
Zhou Yi *(Non-executive Director)*
Li Lailong *(Non-executive Director)*
Li Jin *(Non-executive Director)*
Cao Xin *(Non-executive Director)*
Gao Guoqin *(Non-executive Director)*
Ding Xuchun *(Non-executive Director)*
Wang Jianfeng *(Non-executive Director)*
Xia Qing *(Independent Non-executive Director)*
He Qiang *(Independent Non-executive Director)*
Zhang Liying *(Independent Non-executive Director)*
Zhang Shouwen *(Independent Non-executive Director)*
Dang Ying *(Independent Non-executive Director)*

Beijing, the PRC
9 August 2025

Notes:

1. For details of the resolutions set out in this notice, please refer to the circular of the Company dated 9 August 2025.

2. PROXY

(1) Shareholders entitled to attend and vote at the EGM are entitled to appoint one or more proxies in writing to attend and vote on their behalf. A proxy need not be a shareholder of the Company.

(2) A proxy should be appointed by a written instrument signed by the appointor or its attorney duly authorised in writing. If the form of proxy is signed by the attorney of the appointor, the power of attorney authorising that attorney to sign or other authorisation document(s) shall be notarised.

(3) For holders of domestic shares, the notarized power of attorney or other authorization document together with the completed proxy form must be delivered to the Company no later than 24 hours before the scheduled time of the EGM in order to be valid. For holders of H shares, the notarized power of attorney or other authorization document together with the completed proxy form must be delivered to Computershare Hong Kong Investor Services Limited no later than 24 hours before the scheduled time of the EGM in order to be valid.

(4) If more than one proxy is appointed by one shareholder, such proxies shall only exercise the right to vote by poll.

(5) The resolutions set out in this notice will be voted by poll.

3. REGISTRATION PROCEDURES FOR ATTENDING THE EGM

(1) A shareholder or his proxy shall produce proof of identity when attending the meeting. If a shareholder is a legal person, its legal representative or other persons authorised by the board of directors or other governing body of such shareholder may attend the EGM by producing a copy of the resolution of the board of directors or other governing body of such shareholder appointing such person(s) to attend the meeting.

(2) Shareholders may send the above-mentioned documents to the Company in person, by post or by fax.

4. REGISTRATION MATTERS FOR H SHAREHOLDERS

To determine the shareholders entitled to attend and vote at the EGM, the Company will close the register of members for H shares from Wednesday, 17 September 2025 to Tuesday, 23 September 2025 (both days inclusive), during which period no transfer of H shares will be registered.

To qualify as shareholders entitled to attend and vote at the EGM, H shareholders must lodge all transfer documents together with the relevant share certificates with the Company's H share registrar, Computershare Hong Kong Investor Services Limited, at Shops 1712–1716, 17th Floor, Hopewell Centre, 183 Queen's Road East, Wanchai, Hong Kong, no later than 4:30 p.m. on Tuesday, 16 September 2025. H shareholders whose names appear on the Company's H share register of members at the close of business on Wednesday, 17 September 2025 will be entitled to attend and vote at the EGM.

5. OTHER BUSINESSES

(1) Shareholders and their proxies who attend the meeting shall bear their own accommodation and travelling expenses.

(2) The address of the Share Registrar for H Shares of the Company, Computershare Hong Kong Investor Services Limited, is set out as follows:

Shops 1712–1716, 17/F, Hopewell Centre
183 Queen's Road East
Wanchai
Hong Kong

(3) Correspondence address of the Company:

Capital Market Department of
Huaneng Power International, Inc.
Huaneng Building,
6 Fuxingmennei Street,
Xicheng District, Beijing 100031,
The PRC

(4) Contact:

Liu Tianyu/Hu Boxuan
Telephone No: (+86) 10-63226595/(+86) 10-63226557
Email address: liutianyu@hpi.com.cn/huboxuan@hpi.com.cn

(5) Time and dates in this notice are Hong Kong time and dates.

6. SPECIAL NOTICE

Shareholders who attend the EGM must present their shareholder account card and personal identification. Proxies must also present a duly executed power of attorney and their own identification. Representatives of corporate shareholders are required to present proof of their corporate status when registering. Shareholders from other locations may complete the registration procedures by mail or fax. Please note that registration for attendance is not a mandatory requirement for shareholders to lawfully participate in the EGM.