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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 SECOND EXTRAORDINARY GENERAL MEETING

NOTICE IS HEREBY GIVEN that the 2025 second extraordinary general meeting (the "**Extraordinary General Meeting**" or "**General Meeting**") of Huaneng Power International, Inc. (the "**Company**") will be held at 9:00 a.m. on 23 December 2025 at Conference Room A102, the headquarters of the Company, Huaneng Building, 6 Fuxingmennei Street, Xicheng District, Beijing, the PRC for the purposes of considering and approving the following resolutions. Unless otherwise defined, capitalised terms used in this notice shall have the same meaning as those defined in the circular of the Company dated 28 November 2025.

ORDINARY RESOLUTIONS

1. To consider and approve the Proposal on re-appointment of the accounting firms of the Company for 2026 *(Note 1)*;

2. To consider and approve the proposal regarding the continuing connected transactions for 2026 between the Company and Huaneng Group *(Note 2)*;

3. To consider and approve the proposal regarding the continuing connected transactions between the Company and Tiancheng Leasing for 2026 to 2028 *(Note 3)*;

4. To consider and approve the proposal for the election of Ms. Kou Yaozhou as a non-independent Director of the Company *(Note 4)*;

5. To consider and approve the proposal for the election of Mr. Zhang Xianchong as an independent Director of the Company *(Note 4)*.

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)*
Liu Ancang *(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
28 November 2025

Notes:

1. The Company proposes to reappoint BDO Limited and BDO China Shu Lun Pan Certified Public Accountants LLP as the international auditor and the PRC auditor of the Company for the year 2026, respectively, The audit fee for 2026 is RMB18.09 million, which includes RMB3 million for the internal control audit, and is subject to adjustment based on the actual scope of the audit.

2. For further details regarding the Huaneng Group Framework Agreement entered into between the Company and Huaneng Group and the transactions contemplated thereunder (including the respective annual caps thereof), please refer to the section headed II. Continuing Connected Transactions Under the Huaneng Group Framework Agreement set out in the Company's circular dated 28 November 2025.

3. For further details regarding the Tiancheng Leasing Framework Agreement entered into between the Company and Tiancheng Leasing and the transactions contemplated thereunder, please refer to the section headed III. Discloseable and Continuing Connected Transactions Under the Tiancheng Leasing Framework Agreement set out in the Company's circular dated 28 November 2025.

4. For the avoidance of doubt, "non-independent Director" as referred to in Resolution No. 4 shall be construed as "non-executive Director", and "independent Director" as referred to in Resolution No. 5 shall be construed as "independent non-executive Director". For further details regarding the proposed election of Ms. Kou Yaozhou as a non-executive Director of the Company and Mr. Zhang Xianchong as an independent non-executive Director, please refer to the section headed C. PROPOSED ELECTION OF DIRECTORS set out in the Company's circular dated 28 November 2025.

5. Proxy

(1) A member eligible to attend and vote at the Extraordinary General Meeting is entitled to appoint, in written form, one or more proxies to attend and vote on his behalf. A proxy needs not be a shareholder.

(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) To be valid, the power of attorney or other authorisation document(s) which have been notarised together with the completed form of proxy must be delivered, in the case of holders of Domestic Shares, to the Company and, in the case of holders of H Shares, to Computershare Hong Kong Investor Services Limited, not less than 24 hours before the time designated for holding the Extraordinary General Meeting.

(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.

6. Registration procedures for attending the Extraordinary General Meeting

(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 Extraordinary General Meeting 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.

7. Registration Matters for H Shareholders

In order to determine the shareholders of H shares who will be entitled to attend the Extraordinary General Meeting, the Company will suspend registration of transfer of H shares from 18 December 2025 to 23 December 2025 (both days inclusive).

In order to qualify to attend and vote at the Extraordinary General Meeting, non-registered share holders of H shares of the Company whose transfer documents have not been registered must deposit the transfer documents accompanied by relevant share certificates to the Company's H Share Registrar, Computershare Hong Kong Investor Services Limited, at Shops 1712–1716, 17/F, Hopewell Centre, 183 Queen's Road East, Wanchai, Hong Kong by no later than 4:30 p.m. on 17 December 2025. Shareholders of H shares whose names are recorded in the register of members of the Company on 18 December 2025 are entitled to attend the Extraordinary General Meeting.

8. 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 People's Republic of China

(4) Contact: Liu Tianyu/Hu Boxuan
Telephone No: (+86)10-6322 6595/(+86)10-6322 6557
Email address: liutianyu@hpi.com.cn/huboxuan@hpi.com.cn

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

9. Special Notice

All shareholders attending the Extraordinary General Meeting are required to produce their identity and shareholder account cards. Proxies appointed by an individual shareholder is also required to produce the proxy forms and their identity cards for registration purpose. A copy of power of attorney is also required in case of proxy appointed by a corporate shareholder. Shareholders who cannot register physically due to their location may do so by mail or fax. Registration is not a prerequisite for a shareholder to attend the Extraordinary General Meeting in accordance with the law.