

HUANENG POWER INTERNATIONAL INC

Form 6-K

July 19, 2018

FORM 6-K

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16 of

The Securities Exchange Act of 1934

For the month of July 2018

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

Form 20-F  Form 40-F

(Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.)

Yes  No

(If "Yes" is marked, indicate below the file number assigned to registrant in connection with Rule 12g3-2(b):

82-\_\_\_\_\_.)

N/A

Huaneng Power International, Inc.

Huaneng Building,

6 Fuxingmennei Street,

Xicheng District,

Beijing, 100031 PRC

This Form 6-K consists of:

1. An announcement regarding date of board meeting of Huaneng Power International, Inc. (the Registrant”), made by the Registrant on July 17, 2018; and
  2. An announcement regarding power generation of the Registrant in the first half of 2018, made by the Registrant on July 18, 2018.
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Announcement 1

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DATE OF MEETING OF THE BOARD OF DIRECTORS

The board of directors (the “Board”) of Huaneng Power International, Inc. (the “Company”) announces that a meeting of the Board of the Company will be convened on Tuesday, 31 July 2018, for the purposes of considering and approving the interim results announcement of the Company for the six months ended 30 June 2018 for publication and transacting any other business.

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

As at the date of this announcement, the Directors of the Company are:

|   |  |
|---|--|
| Cao Peixi (Executive Director)          | Yue Heng (Independent Non-executive Director)      |
| Huang Jian (Non-executive Director)     | Xu Mengzhou (Independent Non-executive Director)   |
| Wang Yongxiang (Non-executive Director) | Liu Jizhen (Independent Non-executive Director)    |
| Mi Dabin (Non-executive Director)       | Xu Haifeng (Independent Non-executive Director)    |
| Guo Hongbo (Non-executive Director)     | Zhang Xianzhi (Independent Non-executive Director) |
| Cheng Heng (Non-executive Director)     |  |
| Lin Chong (Non-executive Director)      |  |

Beijing, the PRC  
17 July 2018

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Announcement 2

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ANNOUNCEMENT ON COMPLETION OF POWER  
GENERATION IN THE FIRST HALF OF 2018

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

According to the preliminary statistics of Huaneng Power International, Inc., (the “Company”), for the second quarter of 2018, the Company’s total power generation by power plants within China on consolidated basis amounted to 103.856 billion kWh, representing an increase of 14.52% over the same period last year. Total electricity sold by the Company amounted to 98.075 billion kWh, representing an increase of 14.54% over the same period last year. In the first half of 2018, the Company’s total power generation by the power plants within China on consolidated basis amounted to 208.167 billion kWh, representing an increase of 11.51% over the same period last year. Total electricity sold by the Company amounted to 196.387 billion kWh, representing an increase of 11.51% over the same period last year. In the first half of 2018, the Company’s average on-grid electricity settlement price for its power plants within China amounted to RMB418.57 per MWh, representing an increase of 2.72% over the same period last year.

The increase in the Company’s power generation was mainly attributable to:

1. The growth in the macro-economy was better than expected;
2. The growth rate of electricity consumption for residents’ electricity, tertiary industries and non-high-energy-consuming manufacturing industries increased significantly; and

In the first half of the year, the growth rate of hydropower generation in the country was relatively low, far lower than the growth rate of the electricity consumption of the whole society and national power generation. The Company has a relatively higher proportion of thermal power units and seized the opportunity to increase power generation.

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The power generation (in billion kWh) by each region of the Company's domestic power plants are listed below:

| Region                | Power Generation   |           |                      |           | Electricity sold   |           |                      |           |
|-----------------------|--------------------|-----------|----------------------|-----------|--------------------|-----------|----------------------|-----------|
|                       | April to June 2018 | Change    | January to June 2018 | Change    | April to June 2018 | Change    | January to June 2018 | Change    |
| Heilongjiang Province | 3.630              | 14.06%    | 6.930                | 8.01%     | 3.417              | 14.55%    | 6.503                | 8.12%     |
| Coal-fired            | 3.343              | 16.61%    | 6.387                | 6.79%     | 3.130              | 17.06%    | 5.969                | 6.81%     |
| Wind-power            | 0.275              | -13.07%   | 0.528                | 21.05%    | 0.274              | -11.22%   | 0.518                | 21.52%    |
| PV                    | 0.0127             | -         | 0.0160               | -         | 0.0080             | -         | 0.0112               | -         |
| Jilin Province        | 2.778              | 40.13%    | 5.089                | 27.77%    | 2.643              | 40.81%    | 4.822                | 28.52%    |
| Coal-fired            | 2.389              | 47.49%    | 4.403                | 28.89%    | 2.268              | 48.37%    | 4.161                | 29.57%    |
| Wind-power            | 0.285              | 0.68%     | 0.519                | 21.92%    | 0.278              | 1.48%     | 0.506                | 23.28%    |
| Hydro-power           | 0.039              | 3.06%     | 0.043                | -4.59%    | 0.039              | 2.71%     | 0.042                | -4.83%    |
| PV                    | 0.0064             | 2,259.26% | 0.0122               | 4,391.16% | 0.0063             | 2,284.19% | 0.0121               | 4,465.92% |
| Biomass power         | 0.058              | 41.91%    | 0.112                | 16.68%    | 0.052              | 42.85%    | 0.101                | 17.97%    |
| Liaoning Province     | 4.728              | 40.66%    | 9.320                | 8.74%     | 4.429              | 41.30%    | 8.654                | 8.00%     |
| Coal-fired            | 4.550              | 40.54%    | 9.005                | 7.57%     | 4.253              | 41.19%    | 8.341                | 6.74%     |
| Wind-power            | 0.119              | 16.83%    | 0.210                | 23.84%    | 0.118              | 16.91%    | 0.209                | 23.99%    |
| Hydro-power           | 0.015              | 19.93%    | 0.023                | 64.36%    | 0.015              | 19.86%    | 0.022                | 63.74%    |
| PV                    | 0.0439             | 367.82%   | 0.0826               | 382.25%   | 0.0434             | 379.26%   | 0.0817               | 394.30%   |
| Inner Mongolia        | 0.065              | 2.11%     | 0.128                | 14.20%    | 0.064              | 2.39%     | 0.126                | 14.12%    |
| Wind-power            | 0.065              | 2.11%     | 0.128                | 14.20%    | 0.064              | 2.39%     | 0.126                | 14.12%    |
| Hebei Province        | 3.611              | -7.42%    | 6.439                | -4.85%    | 3.388              | -7.76%    | 6.050                | -4.92%    |
| Coal-fired            | 3.534              | -7.69%    | 6.264                | -5.66%    | 3.314              | -8.06%    | 5.881                | -6.01%    |
| Wind-power            | 0.061              | 0.35%     | 0.144                | 35.66%    | 0.059              | 1.04%     | 0.140                | 61.16%    |
| PV                    | 0.0157             | 44.09%    | 0.0305               | 46.31%    | 0.0151             | 46.81%    | 0.0293               | 49.62%    |
| Gansu Province        | 2.654              | 37.69%    | 6.503                | 27.26%    | 2.518              | 38.56%    | 6.178                | 27.56%    |
| Coal-fired            | 2.163              | 42.28%    | 5.523                | 25.61%    | 2.044              | 43.15%    | 5.231                | 25.82%    |
| Wind-power            | 0.491              | 20.57%    | 0.980                | 37.44%    | 0.475              | 21.72%    | 0.947                | 38.09%    |
| Ningxia               | 0.0069             | 1,495.35% | 0.0108               | 2,419.15% | 0.0066             | 1,512.89% | 0.0104               | 2,439.24% |
| PV                    | 0.0069             | 1,495.35% | 0.0108               | 2,419.15% | 0.0066             | 1,512.89% | 0.0104               | 2,439.24% |

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| Region            | Power Generation      |         |                         |            | Electricity sold      |         |                         |         |
|-------------------|-----------------------|---------|-------------------------|------------|-----------------------|---------|-------------------------|---------|
|                   | April to June<br>2018 | Change  | January to June<br>2018 | Change     | April to June<br>2018 | Change  | January to June<br>2018 | Change  |
| Beijing           | 1.755                 | 83.22%  | 3.958                   | 18.26%     | 1.702                 | 82.07%  | 3.775                   | 19.86%  |
| Coal-fired        | 0.00                  | —       | 0.436                   | -59.88%    | 0.00                  | —       | 0.381                   | -59.63% |
| Combined Cycle    | 1.755                 | 83.22%  | 3.522                   | 55.79%     | 1.702                 | 82.07%  | 3.393                   | 53.93%  |
| Tianjin           | 1.568                 | 6.16%   | 3.595                   | 10.81%     | 1.474                 | 5.40%   | 3.368                   | 10.44%  |
| Coal-fired        | 1.311                 | 23.69%  | 2.878                   | 6.97%      | 1.224                 | 23.41%  | 2.672                   | 6.51%   |
| Combined Cycle    | 0.256                 | -38.59% | 0.716                   | 29.14%     | 0.249                 | -38.71% | 0.694                   | 28.34%  |
| PV                | 0.0009                | 800%    | 0.0016                  | 11,187.59% | 0.0009                | —       | 0.0016                  | —       |
| Shanxi Province   | 2.247                 | -20.96% | 4.793                   | -11.37%    | 2.081                 | -22.00% | 4.483                   | -12.03% |
| Coal-fired        | 2.227                 | 5.30%   | 3.596                   | 4.41%      | 2.061                 | 5.20%   | 3.318                   | 4.19%   |
| Combined Cycle    | 0.001                 | -99.90% | 1.161                   | -40.89%    | 0.001                 | -99.91% | 1.128                   | -41.00% |
| PV                | 0.0189                | 5,300%  | 0.0368                  | 10,315.31% | 0.0191                | —       | 0.0370                  | —       |
| Shandong Province | 21.724                | 2.42%   | 42.866                  | 2.42%      | 20.380                | 2.27%   | 40.113                  | 2.28%   |
| Coal-fired        | 21.399                | 1.70%   | 42.258                  | 1.73%      | 20.062                | 1.52%   | 39.539                  | 1.60%   |
| Wind-power        | 0.207                 | 55.24%  | 0.416                   | 61.62%     | 0.201                 | 52.20%  | 0.383                   | 53.15%  |
| PV                | 0.1184                | 222.78% | 0.1923                  | 251.39%    | 0.1174                | 249.04% | 0.1909                  | 277.56% |
| Henan Province    | 6.763                 | 38.31%  | 12.693                  | 16.74%     | 6.380                 | 38.21%  | 11.963                  | 16.63%  |
| Coal-fired        | 6.321                 | 44.46%  | 12.138                  | 23.06%     | 5.947                 | 44.60%  | 11.418                  | 23.19%  |
| Combined Cycle    | 0.413                 | -16.28% | 0.495                   | -48.91%    | 0.405                 | -16.18% | 0.485                   | -48.85% |
| Wind-power        | 0.021                 | 12.28%  | 0.046                   | 21.35%     | 0.021                 | 12.28%  | 0.046                   | 21.49%  |
| PV                | 0.0072                | 402.1%  | 0.0132                  | 823.41%    | 0.0071                | 400.54% | 0.0130                  | 820.58% |
| Jiangsu Province  | 9.823                 | -14.58% | 20.526                  | -4.02%     | 9.317                 | -14.69% | 19.474                  | -4.03%  |
| Coal-fired        | 7.703                 | -24.43% | 16.678                  | -11.95%    | 7.241                 | -24.89% | 15.705                  | -12.35% |
| Combined Cycle    | 1.712                 | 55.94%  | 2.957                   | 46.93%     | 1.679                 | 55.97%  | 2.902                   | 46.97%  |
| Wind-power        | 0.388                 | 96.83%  | 0.855                   | 104.19%    | 0.378                 | 96.62%  | 0.834                   | 115.06% |
| PV                | 0.0207                | 72.5%   | 0.0347                  | 189.32%    | 0.0191                | 62.67%  | 0.0329                  | 180.86% |
| Shanghai          | 4.488                 | 24.53%  | 10.001                  | 14.09%     | 4.246                 | 24.50%  | 9.472                   | 13.95%  |
| Coal-fired        | 4.024                 | 26.42%  | 9.204                   | 17.44%     | 3.791                 | 26.42%  | 8.693                   | 17.39%  |
| Combined Cycle    | 0.465                 | 10.29%  | 0.797                   | -14.16%    | 0.455                 | 10.52%  | 0.780                   | -14.12% |

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| Region            | Power Generation      |         |                         |           | Electricity sold      |         |                         |         |
|-------------------|-----------------------|---------|-------------------------|-----------|-----------------------|---------|-------------------------|---------|
|                   | April to June<br>2018 | Change  | January to June<br>2018 | Change    | April to June<br>2018 | Change  | January to June<br>2018 | Change  |
| Chongqing         | 1.683                 | 8.27%   | 4.517                   | 7.28%     | 1.540                 | 7.57%   | 4.173                   | 6.67%   |
| Coal-fired        | 1.547                 | 14.34%  | 4.127                   | 18.54%    | 1.408                 | 13.88%  | 3.793                   | 18.45%  |
| Combined Cycle    | 0.136                 | -32.55% | 0.390                   | -46.53%   | 0.132                 | -32.41% | 0.380                   | -46.51% |
| Zhejiang Province | 8.257                 | 14.93%  | 14.798                  | 10.08%    | 7.945                 | 15.08%  | 14.231                  | 10.19%  |
| Coal-fired        | 8.020                 | 14.02%  | 14.439                  | 9.35%     | 7.712                 | 14.14%  | 13.878                  | 9.43%   |
| Combined Cycle    | 0.219                 | 58.90%  | 0.330                   | 52.51%    | 0.215                 | 59.47%  | 0.324                   | 53.10%  |
| PV                | 0.0187                | 40.49%  | 0.0293                  | 29.05%    | 0.0186                | 47.32%  | 0.0292                  | 33.50%  |
| Hubei Province    | 3.545                 | 42.29%  | 8.064                   | 23.46%    | 3.305                 | 42.47%  | 7.534                   | 23.29%  |
| Coal-fired        | 3.329                 | 44.91%  | 7.715                   | 23.80%    | 3.111                 | 46.07%  | 7.221                   | 24.10%  |
| Wind-power        | 0.103                 | 29.89%  | 0.192                   | 31.57%    | 0.083                 | 6.25%   | 0.159                   | 11.24%  |
| Hydro-power       | 0.107                 | -7.24%  | 0.146                   | -4.96%    | 0.104                 | -6.83%  | 0.142                   | -4.31%  |
| PV                | 0.0066                | 65,900% | 0.0111                  | 110,400%  | 0.0065                | -       | 0.0110                  | -       |
| Hunan Province    | 2.328                 | 71.45%  | 5.526                   | 41.41%    | 2.185                 | 72.92%  | 5.191                   | 42.05%  |
| Coal-fired        | 2.061                 | 86.75%  | 5.038                   | 47.37%    | 1.922                 | 89.75%  | 4.709                   | 48.49%  |
| Wind-power        | 0.160                 | 17.62%  | 0.326                   | 12.64%    | 0.159                 | 17.49%  | 0.322                   | 12.60%  |
| Hydro-power       | 0.096                 | -17.26% | 0.146                   | -26.38%   | 0.094                 | -17.32% | 0.143                   | -26.44% |
| PV                | 0.0102                | 608.33% | 0.0161                  | 1,014.96% | 0.0100                | 594.30% | 0.0157                  | 994.51% |
| Jiangxi Province  | 4.830                 | 8.36%   | 10.043                  | 11.74%    | 4.615                 | 8.55%   | 9.609                   | 11.86%  |
| Coal-fired        | 4.737                 | 7.31%   | 9.856                   | 10.83%    | 4.524                 | 7.29%   | 9.424                   | 10.83%  |
| Wind-power        | 0.093                 | 115.45% | 0.187                   | 95.93%    | 0.091                 | 163.61% | 0.185                   | 113.86% |
| Anhui Province    | 1.358                 | 1.12%   | 2.806                   | -1.39%    | 1.296                 | 1.13%   | 2.677                   | -1.76%  |
| Coal-fired        | 1.249                 | -2.80%  | 2.620                   | -4.27%    | 1.188                 | -2.96%  | 2.497                   | -4.56%  |
| Wind-power        | 0.073                 | 188.72% | 0.138                   | 134.22%   | 0.073                 | 189.11% | 0.131                   | 125.15% |
| Hydro-power       | 0.035                 | 9.77%   | 0.048                   | -3.43%    | 0.035                 | 9.90%   | 0.048                   | -3.42%  |

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| Region             | Power Generation      |           |                         |           | Electricity sold      |         |                         |         |
|--------------------|-----------------------|-----------|-------------------------|-----------|-----------------------|---------|-------------------------|---------|
|                    | April to June<br>2018 | Change    | January to June<br>2018 | Change    | April to June<br>2018 | Change  | January to June<br>2018 | Change  |
| Fujian Province    | 3.049                 | 39.70%    | 5.963                   | 48.16%    | 2.880                 | 40.11%  | 5.634                   | 48.52%  |
| Coal-fired         | 3.045                 | 39.55%    | 5.957                   | 48.01%    | 2.876                 | 39.93%  | 5.628                   | 48.36%  |
| PV                 | 0.0037                | 1,581.82% | 0.0062                  | 2,790.47% | 0.0037                | —       | 0.0062                  | —       |
| Guangdong Province | 7.683                 | 46.87%    | 14.083                  | 52.50%    | 7.361                 | 47.36%  | 13.498                  | 52.75%  |
| Coal-fired         | 7.677                 | 46.91%    | 14.072                  | 52.55%    | 7.355                 | 47.39%  | 13.487                  | 52.80%  |
| PV                 | 0.0058                | 11.42%    | 0.0109                  | 8.87%     | 0.058                 | 11.50%  | 0.0109                  | 8.97%   |
| Guangxi            | 0.132                 | —         | 0.169                   | —         | 0.127                 | —       | 0.162                   | —       |
| Combined Cycle     | 0.132                 | —         | 0.169                   | —         | 0.127                 | —       | 0.162                   | —       |
| Yunnan Province    | 1.601                 | 77.77%    | 2.573                   | 36.80%    | 1.478                 | 7.748%  | 2.376                   | 36.32%  |
| Coal-fired         | 1.461                 | 82.53%    | 2.264                   | 38.84%    | 1.343                 | 82.41%  | 2.075                   | 38.31%  |
| Wind-power         | 0.139                 | 39.55%    | 0.309                   | 23.50%    | 0.135                 | 39.94%  | 0.301                   | 24.01%  |
| Guizhou Province   | 0.052                 | 268.42%   | 0.111                   | 226.39%   | 0.051                 | 270.26% | 0.109                   | 227.83% |
| Wind-power         | 0.052                 | 268.42%   | 0.111                   | 226.39%   | 0.051                 | 270.26% | 0.109                   | 227.83% |
| Hainan Province    | 3.496                 | 13.74%    | 6.661                   | 16.02%    | 3.246                 | 13.84%  | 6.202                   | 16.24%  |
| Coal-fired         | 3.423                 | 14.73%    | 6.507                   | 16.39%    | 3.175                 | 14.90%  | 6.050                   | 16.64%  |
| Combined Cycle     | 0.008                 | 317.96%   | 0.023                   | 195.57%   | 0.007                 | 316.26% | 0.022                   | 195.43% |
| Wind-power         | 0.017                 | -15.62%   | 0.046                   | -11.79%   | 0.016                 | -15.68% | 0.045                   | -11.69% |
| Hydro-power        | 0.037                 | -41.55%   | 0.062                   | -22.42%   | 0.036                 | -41.69% | 0.062                   | -22.48% |
| PV                 | 0.0118                | 116.07%   | 0.0226                  | 124.20%   | 0.0117                | 117.19% | 0.0224                  | 125.27% |
| Total              | 103.856               | 14.52%    | 208.167                 | 11.51%    | 98.075                | 14.54%  | 196.387                 | 11.51%  |



For the second quarter of 2018, the power generation of Tuas Power Limited in Singapore, which is wholly-owned by the Company, accounted for a market share of 21.1% in Singapore, representing a decrease of 0.7 percentage point compared to the same period of last year (21.8%). In the first half of 2018, the accumulated power generation accounted for a market share of 20.8%, representing a decrease of 0.7 percentage point compared to the same period last year.

In addition, the projects of the Company's wholly-owned Huaneng Heilongjiang Shuangyu Photovoltaic with a total capacity of 46.6 MW, 30 MW PV units of the Huaneng Jiangsu Huaiyin Photovoltaic Power Plant and 10 MW PV units of the Huaneng Jiangsu Taicang Photovoltaic Ash Field Phase II (75% owned by the Company), 8 MW PV units of Huaneng Hainan Chengmai Photovoltaic (91.8% owned by the Company), 20 MW PV units of the Jilin ZhenLai Wind Farm (50% owned by the Company), and 10 MW PV units of the Shanxi Yushe Photovoltaic (90% owned by the Company) were put into operation in the second quarter of 2018. As of 30 June 2018, the Company had a controlled installed capacity of 104,425 MW, and an equity-based installed capacity of 91,894 MW.

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

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

|   |  |
|---|--|
| Cao Peixi (Executive Director)          | Yue Heng (Independent Non-executive Director)      |
| Huang Jian (Non-executive Director)     | Xu Mengzhou (Independent Non-executive Director)   |
| Wang Yongxiang (Non-executive Director) | Liu Jizhen (Independent Non-executive Director)    |
| Mi Dabin (Non-executive Director)       | Xu Haifeng (Independent Non-executive Director)    |
| Guo Hongbo (Non-executive Director)     | Zhang Xianzhi (Independent Non-executive Director) |
| Cheng Heng (Non-executive Director)     |  |
| Lin Chong (Non-executive Director)      |  |

Beijing, the PRC  
18 July 2018

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/ Huang Chaoquan

Name: Huang Chaoquan

Title: Company Secretary

Date: July 18, 2018