

HUANENG POWER INTERNATIONAL INC  
Form 6-K  
July 19, 2016

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 2016

(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):

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N/A

Huaneng Power International, Inc.  
Huaneng Building,  
6 Fuxingmennei Street,  
Xicheng District,  
Beijing, 100031 PRC

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This Form 6-K consists of:

An announcement regarding power generation in the first half of 2016 of Huaneng Power International, Inc. (the Registrant'), made by the Registrant on July 16, 2016.

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(a Sino-foreign joint stock limited company incorporated in the People's Republic of China)  
(Stock Code: 902)

#### POWER GENERATION WITHIN CHINA DECREASES BY 8.60% IN THE FIRST HALF OF 2016

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 2016, the Company's total power generation by the power plants within China on consolidated basis amounted to 69.220 billion kWh, representing a decrease of 10.43% over the same period last year. Total electricity sold by the Company amounted to 65.351 billion kWh, representing a decrease of 10.06% over the same period last year. In the first half of 2016, the Company's total power generation by the power plants within China on consolidated basis amounted to 146.080 billion kWh, representing a decrease of 8.60% over the same period last year. Total electricity sold by the Company amounted to 138.075 billion kWh, representing a decrease of 8.35% over the same period last year. In the first half of 2016, the Company's average on-grid electricity settlement price for its power plants within China amounted to RMB394.46 per MWh, representing a decrease of 12.37% over the same period last year.

The decrease in the Company's power generation in the first half of the year was mainly attributable to the following factors: (1) the whole nation saw sluggish growth in power consumption and a decrease in utilization hours; (2) the substantial increase of cross-regional power transmission squeezed the generation potential of the coal-fired power generators in the coastal areas in the east and south of the country (e.g. Henan, Chongqing, Shanghai, Jiangsu, Zhejiang and Guangdong), which accounted for a relatively high proportion in the Company's total power generation capacities; (3) due to heavy rainfall in the first half of the year, the power generation of nationwide large-scale hydro-power plants increased by 16.7% compared to the same period of last year, which reduced the output of coal-fired power plants located in the middle and east of China; (4) the release of the 2015 newly installed capacity in Liaoning, Guangdong and Fujian, combined with the commencement of operations of new nuclear power generators in Guangdong and Guangxi in 2016, had a negative impact on the output of coal-fired power units in these regions.

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

| Domestic Power Plant     | Power generation   |         |                      |         | Electricity sold   |         |                      |         |
|--------------------------|--------------------|---------|----------------------|---------|--------------------|---------|----------------------|---------|
|                          | April to June 2016 | Change  | January to June 2016 | Change  | April to June 2016 | Change  | January to June 2016 | Change  |
| <b>Loaoning Province</b> | 3.767              | -10.10% | 8.909                | -4.38%  | 3.533              | -10.19% | 8.372                | -4.34%  |
| Coal-fired               | 3.643              | -10.90% | 8.729                | -4.47%  | 3.410              | -11.04% | 8.193                | -4.44%  |
| Dalian                   | 0.941              | -12.62% | 2.709                | -3.40%  | 0.880              | -12.92% | 2.548                | -3.44%  |
| Dandong                  | 0.420              | -12.61% | 1.421                | -4.36%  | 0.394              | -13.18% | 1.351                | -4.44%  |
| Yingkou                  | 1.777              | -11.78% | 3.129                | -8.10%  | 1.660              | -11.85% | 2.912                | -8.18%  |
| Yingkou Co-generation    | 0.506              | -2.31%  | 1.470                | 1.86%   | 0.476              | -1.98%  | 1.381                | 2.41%   |
| Wind-power               | 0.105              | 7.23%   | 0.154                | -6.60%  | 0.105              | 7.43%   | 0.153                | -6.47%  |
| Wafangdian Wind Power    | 0.027              | -9.58%  | 0.045                | -17.23% | 0.027              | -9.10%  | 0.044                | -16.83% |
| Changtu Wind Power       | 0.078              | 14.61%  | 0.109                | -1.43%  | 0.078              | 14.63%  | 0.109                | -1.45%  |
| Hydro-power              | 0.016              | 383.45% | 0.024                | 61.04%  | 0.016              | 385.19% | 0.023                | 62.44%  |
| Suzihe Hydropower        | 0.016              | 383.45% | 0.024                | 61.04%  | 0.016              | 385.19% | 0.023                | 62.44%  |
| PV                       | 0.0029             | –       | 0.0029               | –       | 0.0026             | –       | 0.0026               | –       |
| Dandong PV               | 0.0028             | –       | 0.0028               | –       | 0.0025             | –       | 0.0025               | –       |
| Yingkou Co-generation PV | 0.0001             | –       | 0.0001               | –       | 0.0001             | –       | 0.0001               | –       |
| <b>Inner Mongolia</b>    | 0.072              | 10.12%  | 0.119                | 6.81%   | 0.071              | 10.11%  | 0.118                | 6.79%   |
| Wind-power               | 0.072              | 10.12%  | 0.119                | 6.81%   | 0.071              | 10.11%  | 0.118                | 6.79%   |
| Huade Wind Power         | 0.072              | 10.12%  | 0.119                | 6.81%   | 0.071              | 10.11%  | 0.118                | 6.79%   |
| <b>Hebei Province</b>    | 3.622              | -3.06%  | 6.609                | 2.32%   | 3.408              | -2.52%  | 6.232                | 3.14%   |
| Coal-fired               | 3.584              | -3.39%  | 6.542                | 2.00%   | 3.372              | -2.85%  | 6.169                | 2.82%   |
| Shang'an                 | 3.584              | -3.39%  | 6.542                | 2.00%   | 3.372              | -2.85%  | 6.169                | 2.82%   |
| Wind-power               | 0.038              | 42.16%  | 0.067                | 47.00%  | 0.036              | 42.41%  | 0.063                | 47.94%  |
| Kangbao Wind Power       | 0.038              | 42.16%  | 0.067                | 47.00%  | 0.036              | 42.41%  | 0.063                | 47.94%  |
| PV                       | 0.0003             | –       | 0.0003               | –       | –                  | –       | –                    | –       |
| Kangbao PV               | 0.0003             | –       | 0.0003               | –       | –                  | –       | –                    | –       |
| <b>Gansu Province</b>    | 2.439              | 55.01%  | 5.094                | 40.15%  | 2.319              | 54.06%  | 4.866                | 40.40%  |
| Coal-fired               | 2.096              | 63.81%  | 4.408                | 43.97%  | 1.988              | 62.52%  | 4.208                | 44.30%  |

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|                       |       |         |       |         |       |         |       |         |
|-----------------------|-------|---------|-------|---------|-------|---------|-------|---------|
| Pingliang             | 2.096 | 63.81%  | 4.408 | 43.97%  | 1.988 | 62.52%  | 4.208 | 44.30%  |
| Wind-power            | 0.343 | 16.72%  | 0.686 | 19.72%  | 0.331 | 17.35%  | 0.658 | 19.67%  |
| Jiuquan Wind Power    | 0.119 | -27.55% | 0.224 | -31.50% | 0.114 | -26.26% | 0.215 | -30.02% |
| Jiuquan Wind Power II | 0.121 | -6.95%  | 0.250 | 1.31%   | 0.117 | -7.84%  | 0.242 | -0.41%  |
| Yumen Wind Power      | 0.047 | –       | 0.097 | –       | 0.045 | –       | 0.093 | –       |
| Yigang Wind Power     | 0.057 | –       | 0.115 | –       | 0.055 | –       | 0.108 | –       |

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|   | Power generation         |         |                            |         | Electricity sold         |         |                            |         |
|---|--------------------------|---------|----------------------------|---------|--------------------------|---------|----------------------------|---------|
|   | April to<br>June<br>2016 | Change  | January<br>to June<br>2016 | Change  | April to<br>June<br>2016 | Change  | January<br>to June<br>2016 | Change  |
| <b>Domestic Power Plant</b>               |                          |         |                            |         |                          |         |                            |         |
| <b>Beijing</b>                            | 1.365                    | -9.13%  | 3.813                      | 0.53%   | 1.280                    | -7.97%  | 3.540                      | 0.89%   |
| Coal-fired                                | 0.505                    | -36.04% | 1.702                      | -11.73% | 0.437                    | -36.96% | 1.478                      | -12.30% |
| Beijing Co-generation<br>(Coal-fired)     | 0.505                    | -36.04% | 1.702                      | -11.73% | 0.437                    | -36.96% | 1.478                      | -12.30% |
| Combined Cycle                            | 0.860                    | 20.65%  | 2.111                      | 13.22%  | 0.843                    | 20.79%  | 2.062                      | 13.08%  |
| Beijing Co-generation<br>(Combined Cycle) | 0.860                    | 20.65%  | 2.111                      | 13.22%  | 0.843                    | 20.79%  | 2.062                      | 13.08%  |
| <b>Tianjian</b>                           | 1.118                    | -36.78% | 3.304                      | -8.34%  | 1.055                    | -37.11% | 3.112                      | -8.17%  |
| Coal-fired                                | 0.832                    | -31.38% | 2.489                      | -16.19% | 0.776                    | -31.63% | 2.318                      | -16.35% |
| Yangliuqing<br>Co-generation              | 0.832                    | -31.38% | 2.489                      | -16.19% | 0.776                    | -31.63% | 2.318                      | -16.35% |
| Combined Cycle                            | 0.286                    | -48.56% | 0.815                      | 28.39%  | 0.279                    | -48.59% | 0.795                      | 28.43%  |
| Lingang Combined<br>Cycle                 | 0.286                    | -48.56% | 0.815                      | 28.39%  | 0.279                    | -48.59% | 0.795                      | 28.43%  |
| <b>Shanxi Province</b>                    | 3.095                    | 2.61%   | 6.019                      | 28.92%  | 2.898                    | 2.76%   | 5.664                      | 29.81%  |
| Coal-fired                                | 2.838                    | -5.92%  | 4.525                      | -3.08%  | 2.648                    | -6.09%  | 4.213                      | -3.44%  |
| Yushe                                     | 0.860                    | -14.25% | 1.356                      | -12.56% | 0.793                    | -14.13% | 1.252                      | -12.65% |
| Zuoquan                                   | 1.978                    | -1.76%  | 3.169                      | 1.63%   | 1.856                    | -2.17%  | 2.962                      | 1.07%   |
| Combined Cycle                            | 0.257                    | –       | 1.494                      | –       | 0.249                    | –       | 1.451                      | –       |
| Dongshan Combined<br>Cycle                | 0.257                    | –       | 1.494                      | –       | 0.249                    | –       | 1.451                      | –       |
| <b>Shandong Province</b>                  | 10.504                   | 7.72%   | 19.504                     | -1.70%  | 9.912                    | 7.73%   | 18.364                     | -1.77%  |
| Coal-fired                                | 10.504                   | 7.72%   | 19.504                     | -1.70%  | 9.912                    | 7.73%   | 18.364                     | -1.77%  |
| Dezhou                                    | 3.890                    | 19.48%  | 6.716                      | -1.10%  | 3.655                    | 19.74%  | 6.290                      | -1.14%  |
| Jining                                    | 0.940                    | -7.57%  | 2.027                      | -11.65% | 0.865                    | -8.92%  | 1.871                      | -12.69% |
| Xindian                                   | 0.777                    | 15.28%  | 1.564                      | 3.75%   | 0.728                    | 16.06%  | 1.462                      | 3.85%   |
| Weihai                                    | 2.447                    | -17.68% | 4.598                      | -12.36% | 2.343                    | -17.47% | 4.389                      | -12.22% |
| Rizhao Phase II                           | 2.055                    | 34.36%  | 3.856                      | 14.98%  | 1.957                    | 34.56%  | 3.671                      | 15.17%  |
| Zhanhua<br>Co-generation                  | 0.395                    | 30.78%  | 0.744                      | 14.48%  | 0.364                    | 30.90%  | 0.682                      | 14.58%  |
| <b>Henan Province</b>                     | 4.210                    | -8.69%  | 8.950                      | -1.89%  | 3.980                    | -4.38%  | 8.462                      | 0.40%   |
| Coal-fired                                | 4.210                    | -8.69%  | 8.950                      | -1.89%  | 3.980                    | -4.38%  | 8.462                      | 0.40%   |

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|                          |       |         |       |         |       |        |       |         |
|--------------------------|-------|---------|-------|---------|-------|--------|-------|---------|
| Qinbei                   | 3.831 | -8.34%  | 7.852 | -9.65%  | 3.626 | -7.76% | 7.439 | -9.25%  |
| Luoyang<br>Co-generation | 0.379 | -12.14% | 1.098 | 154.51% | 0.354 | 53.15% | 1.023 | 342.75% |

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| Domestic Power Plant                 | Power generation   |         |                      |         | Electricity sold   |         |                      |         |
|--------------------------------------|--------------------|---------|----------------------|---------|--------------------|---------|----------------------|---------|
|                                      | April to June 2016 | Change  | January to June 2016 | Change  | April to June 2016 | Change  | January to June 2016 | Change  |
| <b>Jiangsu Province</b>              | 9.580              | -5.77%  | 19.571               | -7.06%  | 9.093              | -6.16%  | 18.610               | -7.27%  |
| Coal-fired                           | 8.809              | -2.34%  | 18.008               | -5.94%  | 8.335              | -2.68%  | 17.080               | -6.13%  |
| Nantong                              | 1.386              | -13.00% | 2.849                | -17.57% | 1.309              | -13.75% | 2.703                | -18.06% |
| Nanjing                              | 0.674              | 18.60%  | 1.518                | 2.52%   | 0.634              | 17.91%  | 1.430                | 1.99%   |
| Taicang                              | 2.600              | -10.00% | 4.760                | -10.81% | 2.463              | -10.22% | 4.517                | -11.01% |
| Huaiyin                              | 1.207              | -21.83% | 2.594                | -20.63% | 1.142              | -21.96% | 2.461                | -20.51% |
| Jinling (Coal-fired)                 | 2.711              | 20.74%  | 5.852                | 12.28%  | 2.591              | 21.03%  | 5.594                | 12.57%  |
| Suzhou Co-generation                 | 0.182              | 1.56%   | 0.386                | -1.46%  | 0.159              | -1.02%  | 0.337                | -3.94%  |
| Nanjing Co-generation                | 0.048              | –       | 0.048                | –       | 0.037              | –       | 0.037                | –       |
| Combined Cycle                       | 0.647              | -37.21% | 1.282                | -23.86% | 0.635              | -37.08% | 1.259                | -23.66% |
| Jinling (Combined Cycle)             | 0.311              | -49.34% | 0.597                | -38.65% | 0.304              | -49.26% | 0.584                | -38.54% |
| Jinling Combined Cycle Co-generation | 0.336              | -19.38% | 0.685                | -3.61%  | 0.331              | -19.31% | 0.675                | -3.45%  |
| Wind-power                           | 0.125              | 6.43%   | 0.281                | 23.21%  | 0.122              | 6.30%   | 0.270                | 20.45%  |
| Qidong Wind Power                    | 0.080              | -10.55% | 0.197                | 11.23%  | 0.079              | -10.64% | 0.194                | 11.35%  |
| Rudong Wind Power                    | 0.017              | -36.39% | 0.048                | -6.84%  | 0.017              | -36.31% | 0.047                | -6.58%  |
| Tongshan Wind Power                  | 0.027              | –       | 0.037                | –       | 0.026              | –       | 0.029                | –       |
| <b>Shanghai</b>                      | 4.160              | -10.08% | 9.016                | -8.70%  | 3.943              | -10.27% | 8.558                | -8.82%  |
| Coal-fired                           | 3.709              | -6.10%  | 8.211                | -6.50%  | 3.502              | -6.21%  | 7.771                | -6.58%  |
| Shidongkou First                     | 1.158              | 3.83%   | 2.510                | 0.58%   | 1.085              | 4.09%   | 2.354                | 0.95%   |
| Shidongkou Second                    | 1.479              | 0.44%   | 2.689                | -13.67% | 1.405              | 0.51%   | 2.554                | -13.89% |
| Shidongkou Power                     | 1.072              | -21.30% | 3.011                | -5.04%  | 1.013              | -21.77% | 2.862                | -5.20%  |
| Combined Cycle                       | 0.451              | -33.32% | 0.805                | -26.32% | 0.441              | -33.21% | 0.787                | -26.26% |
| Shanghai Combined Cycle              | 0.451              | -33.32% | 0.805                | -26.32% | 0.441              | -33.21% | 0.787                | -26.26% |
| <b>Chongqing</b>                     | 1.655              | -30.29% | 4.281                | -26.78% | 1.528              | -30.45% | 3.969                | -26.71% |
| Coal-fired                           | 1.442              | -32.22% | 3.660                | -33.84% | 1.321              | -32.48% | 3.364                | -34.14% |
| Luohuang                             | 1.442              | -32.22% | 3.660                | -33.84% | 1.321              | -32.48% | 3.364                | -34.14% |
| Combined Cycle                       | 0.213              | -13.64% | 0.621                | 97.04%  | 0.207              | -13.89% | 0.604                | 97.15%  |
|                                      | 0.213              | -13.64% | 0.621                | 97.04%  | 0.207              | -13.89% | 0.604                | 97.15%  |



Liangjiang Combined  
Cycle

|                             |        |         |        |         |        |         |        |         |
|-----------------------------|--------|---------|--------|---------|--------|---------|--------|---------|
| Zhejiang Province           | 5.059  | -23.23% | 11.122 | -13.84% | 4.851  | -23.03% | 10.662 | -13.65% |
| Coal-fired                  | 5.007  | -23.09% | 10.977 | -14.42% | 4.800  | -22.88% | 10.521 | -14.24% |
| Yuhuan                      | 3.844  | -21.74% | 8.374  | -16.39% | 3.687  | -21.50% | 8.026  | -16.25% |
| Changxing                   | 1.162  | -27.25% | 2.603  | -7.41%  | 1.113  | -27.12% | 2.494  | -7.04%  |
| Combined Cycle              | 0.050  | -36.20% | 0.140  | 79.94%  | 0.049  | -36.12% | 0.137  | 79.93%  |
| Tongxiang Combined<br>Cycle | 0.050  | -36.20% | 0.140  | 79.94%  | 0.049  | -36.12% | 0.137  | 79.93%  |
| PV                          | 0.0028 | 1.36%   | 0.0045 | 20.23%  | 0.0028 | 5.36%   | 0.0044 | 18.13%  |
| Changxing PV                | 0.0028 | 1.36%   | 0.0045 | 20.23%  | 0.0028 | 5.36%   | 0.0044 | 18.13%  |

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| Domestic Power Plant      | Power generation   |         |                      |         | Electricity sold   |         |                      |         |
|---------------------------|--------------------|---------|----------------------|---------|--------------------|---------|----------------------|---------|
|                           | April to June 2016 | Change  | January to June 2016 | Change  | April to June 2016 | Change  | January to June 2016 | Change  |
| Hubei Province            | 2.087              | 2.75%   | 5.964                | 7.08%   | 1.952              | 3.16%   | 5.604                | 8.76%   |
| Coal-fired                | 1.947              | -0.95%  | 5.761                | 5.07%   | 1.816              | -1.13%  | 5.408                | 6.50%   |
| Wuhan                     | 1.269              | -26.34% | 4.142                | -0.48%  | 1.175              | -26.86% | 3.867                | -0.86%  |
| Jingmen Co-generation     | 0.456              | 298.47% | 1.124                | 51.24%  | 0.434              | 299.47% | 1.071                | 51.67%  |
| Yingcheng Co-generation   | 0.222              | 73.02%  | 0.496                | -14.32% | 0.208              | 70.36%  | 0.470                | -0.26%  |
| Wind-power                | 0.028              | –       | 0.058                | –       | 0.027              | –       | 0.057                | –       |
| Jieshan Wind Power        | 0.028              | –       | 0.058                | –       | 0.027              | –       | 0.057                | –       |
| Hydro-power               | 0.112              | 97.49%  | 0.145                | 85.48%  | 0.108              | 96.89%  | 0.140                | 85.24%  |
| Enshi Maweigou Hydropower | 0.070              | 249.98% | 0.085                | 201.39% | 0.068              | 254.56% | 0.082                | 205.85% |
| Dalongtan Hydropower      | 0.042              | 13.73%  | 0.059                | 19.47%  | 0.041              | 13.18%  | 0.058                | 18.97%  |
| Hunan Province            | 1.134              | -27.45% | 3.105                | -30.23% | 1.058              | -27.49% | 2.919                | -30.14% |
| Coal-fired                | 0.876              | -35.92% | 2.616                | -36.63% | 0.803              | -36.77% | 2.437                | -37.00% |
| Yueyang                   | 0.876              | -35.92% | 2.616                | -36.63% | 0.803              | -36.77% | 2.437                | -37.00% |
| Wind-power                | 0.151              | 56.88%  | 0.274                | 63.62%  | 0.149              | 65.13%  | 0.272                | 70.47%  |
| Subaoding Wind Power      | 0.089              | -7.82%  | 0.160                | -4.47%  | 0.088              | -3.13%  | 0.158                | -0.60%  |
| Guidong Wind Power        | 0.062              | –       | 0.114                | –       | 0.062              | –       | 0.113                | –       |
| Hydro-power               | 0.108              | 6.72%   | 0.214                | 39.36%  | 0.106              | 6.72%   | 0.210                | 39.51%  |
| Xiangqi Hydropower        | 0.108              | 6.72%   | 0.214                | 39.36%  | 0.106              | 6.72%   | 0.210                | 39.51%  |
| Jiangxi Province          | 3.291              | 4.80%   | 7.580                | 13.27%  | 3.126              | 10.66%  | 7.226                | 16.17%  |
| Coal-fired                | 3.270              | 4.70%   | 7.530                | 13.30%  | 3.105              | 10.59%  | 7.177                | 16.22%  |
| Jinggangshan              | 1.466              | -32.06% | 3.495                | -26.39% | 1.393              | -32.34% | 3.333                | -26.58% |
| Ruijin                    | 0.614              | -19.10% | 1.450                | -14.28% | 0.573              | -20.22% | 1.367                | -14.82% |
| Anyuan                    | 1.191              | 474%    | 2.586                | 1146%   | 1.139              | 3561%   | 2.477                | 7860%   |
| Wind-power                | 0.021              | 22.63%  | 0.050                | 9.05%   | 0.021              | 22.28%  | 0.049                | 9.08%   |
| Jianggongling Wind Power  | 0.021              | 22.63%  | 0.050                | 9.05%   | 0.021              | 22.28%  | 0.049                | 9.08%   |
| Anhui Province            | 1.189              | -19.72% | 2.809                | -13.92% | 1.117              | -20.67% | 2.663                | -14.40% |

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|                            |       |         |       |         |       |         |       |         |
|----------------------------|-------|---------|-------|---------|-------|---------|-------|---------|
| Coal-fired                 | 1.113 | -21.99% | 2.711 | -14.96% | 1.058 | -21.84% | 2.583 | -14.94% |
| Chaohu Power               | 1.113 | -21.99% | 2.711 | -14.96% | 1.058 | -21.84% | 2.583 | -14.94% |
| Wind power                 | 0.017 | –       | 0.017 | –       | –     | –       | –     | –       |
| Huaining Wind Power        | 0.017 | –       | 0.017 | –       | –     | –       | –     | –       |
| Hydro-power                | 0.059 | 8.13%   | 0.081 | 7.65%   | 0.059 | 8.40%   | 0.080 | 7.74%   |
| Hualiangting<br>Hydropower | 0.059 | 8.13%   | 0.081 | 7.65%   | 0.059 | 8.40%   | 0.080 | 7.74%   |
| Fujian Province            | 1.784 | -39.18% | 3.391 | -43.70% | 1.678 | -39.75% | 3.193 | -44.26% |
| Coal-fired                 | 1.784 | -39.18% | 3.391 | -43.70% | 1.678 | -39.75% | 3.193 | -44.26% |
| Fuzhou                     | 1.784 | -39.18% | 3.391 | -43.70% | 1.678 | -39.75% | 3.193 | -44.26% |

|                           | Power generation         |                |                            |               | Electricity sold         |                |                            |               |
|---------------------------|--------------------------|----------------|----------------------------|---------------|--------------------------|----------------|----------------------------|---------------|
|                           | April to<br>June<br>2016 | Change         | January<br>to June<br>2016 | Change        | April to<br>June<br>2016 | Change         | January<br>to June<br>2016 | Change        |
| Domestic Power Plant      |                          |                |                            |               |                          |                |                            |               |
| Guangdong Province        | 4.013                    | -29.73%        | 7.853                      | -32.70%       | 3.829                    | -29.84%        | 7.508                      | -32.89%       |
| Coal-fired                | 4.013                    | -29.73%        | 7.853                      | -32.70%       | 3.829                    | -29.84%        | 7.508                      | -32.89%       |
| Shantou Coal-fired        | 1.199                    | -15.11%        | 1.879                      | -26.75%       | 1.139                    | -14.84%        | 1.787                      | -26.73%       |
| Haimen                    | 1.185                    | -57.80%        | 2.724                      | -44.12%       | 1.120                    | -58.21%        | 2.582                      | -44.46%       |
| Haimen Power              | 1.629                    | 9.30%          | 3.250                      | -23.15%       | 1.570                    | 8.97%          | 3.139                      | -23.42%       |
| Yunnan Province           | 1.168                    | -32.49%        | 2.105                      | -35.80%       | 1.081                    | -32.52%        | 1.945                      | -35.80%       |
| Coal-fired                | 1.099                    | -35.24%        | 1.949                      | -39.14%       | 1.011                    | -35.61%        | 1.791                      | -39.37%       |
| Diandong Energy           | 0.832                    | -27.81%        | 1.681                      | -18.37%       | 0.764                    | -28.55%        | 1.544                      | -18.86%       |
| Yuwan Energy              | 0.268                    | -50.93%        | 0.268                      | -76.57%       | 0.247                    | -50.70%        | 0.247                      | -76.51%       |
| Wind-power                | 0.069                    | 106.79%        | 0.157                      | 101.14%       | 0.070                    | 119.21%        | 0.154                      | 104.20%       |
| Fuyuan Wind Power         | 0.069                    | 106.79%        | 0.157                      | 101.14%       | 0.070                    | 119.21%        | 0.154                      | 104.20%       |
| Guizhou Province          | 0.014                    | –              | 0.024                      | –             | 0.014                    | –              | 0.017                      | –             |
| Wind-power                | 0.014                    | –              | 0.024                      | –             | 0.014                    | –              | 0.017                      | –             |
| Panxian Wind Power        | 0.014                    | –              | 0.024                      | –             | 0.014                    | –              | 0.017                      | –             |
| Hainan Province           | 3.892                    | -17.50%        | 6.939                      | -19.68%       | 3.627                    | -17.56%        | 6.471                      | -19.86%       |
| Coal-fired                | 3.851                    | -15.39%        | 6.846                      | -18.30%       | 3.588                    | -15.32%        | 6.382                      | -18.41%       |
| Haikou                    | 1.552                    | -19.64%        | 2.782                      | -17.47%       | 1.418                    | -19.96%        | 2.540                      | -18.06%       |
| Dongfang                  | 2.299                    | -12.25%        | 4.064                      | -18.86%       | 2.170                    | -11.99%        | 3.842                      | -18.64%       |
| Combined Cycle            | 0.021                    | -80.69%        | 0.040                      | -74.96%       | 0.020                    | -81.35%        | 0.037                      | -75.77%       |
| Nanshan Combined<br>Cycle | 0.021                    | -80.69%        | 0.040                      | -74.96%       | 0.020                    | -81.35%        | 0.037                      | -75.77%       |
| Wind-power                | 0.018                    | -30.59%        | 0.046                      | -16.12%       | 0.017                    | -31.10%        | 0.045                      | -16.49%       |
| Wenchang Wind<br>Power    | 0.018                    | -30.59%        | 0.046                      | -16.12%       | 0.017                    | -31.10%        | 0.045                      | -16.49%       |
| Hydro-power               | 0.002                    | -92.32%        | 0.008                      | -82.85%       | 0.002                    | -93.31%        | 0.008                      | -83.91%       |
| Gezhen Hydropower         | 0.002                    | -92.32%        | 0.008                      | -82.85%       | 0.002                    | -93.31%        | 0.008                      | -83.91%       |
| <b>Total</b>              | <b>69.220</b>            | <b>-10.43%</b> | <b>146.080</b>             | <b>-8.60%</b> | <b>65.351</b>            | <b>-10.06%</b> | <b>138.075</b>             | <b>-8.35%</b> |

For the second quarter of 2016, the power generation of Tuas Power Limited in Singapore, which is wholly-owned by the Company, accounted for a market share of 21.4% in Singapore, representing a decrease of 1.4 percentage points compared to the same period of last year. In the first half of 2016, the accumulated power generation accounted for a market share of 21.6%, representing a decrease of

0.8 percentage point compared to the same period last year.

In addition, the Huaneng Yingcheng Cogeneration Unit No. 1 (50MW), the 10MW photovoltaic power units of Huaneng Liaoning Dandong Power, the 25 wind power units with a total capacity of 50MW of Huaneng Anhui Huaining Shijing Wind Farm, the 10MW photovoltaic power units of Huaneng Liaoning Yingkou Cogeneration, the 20MW photovoltaic power units of Huaneng Hebei Kangbao Xitan Photovoltaic (each being wholly owned by the Company) as well as the Jiangsu Nanjing Cogeneration Unit No. 1 (50MW) (70% owned by the Company) have been put into

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operation in the second quarter. Meanwhile, the installed capacity of certain power plants invested by the Company changed. As of 30 June 2016, the Company had a controlled installed capacity of 82,571 MW and an equity-based installed capacity of 75,403 MW.

By Order of the Board  
Huaneng Power International, Inc.  
Du Daming  
Company Secretary

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

|  |  |
|--|--|
| Cao Peixi<br>(Executive Director)        | Li Zhensheng<br>(Independent Non-executive Director) |
| Guo Junming<br>(Non-executive Director)  | Yue Heng<br>(Independent Non-executive Director)     |
| Liu Guoyue<br>(Executive Director)       | Geng Jianxin<br>(Independent Non-executive Director) |
| Li Shiqi<br>(Non-executive Director)     | Xia Qing<br>(Independent Non-executive Director)     |
| Huang Jian<br>(Non-executive Director)   | Xu Mengzhou<br>(Independent Non-executive Director)  |
| Fan Xiaxia<br>(Executive Director)       |  |
| Mi Dabin<br>(Non-executive Director)     |  |
| Guo Hongbo<br>(Non-executive Director)   |  |
| Zhu Yousheng<br>(Non-executive Director) |  |
| Li Song<br>(Non-executive Director)      |  |

Beijing, the PRC  
16 July 2016

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/ Du Daming

Name: Du Daming

Title: Company Secretary

Date: July 18, 2016