

HUANENG POWER INTERNATIONAL INC
Form 6-K
October 22, 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 October 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:

An announcement regarding power generation within China for the first three quarters of 2018 of Huaneng Power International, Inc. (the “Registrant”), made by the Registrant on October 19, 2018.

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POWER GENERATION WITHIN CHINA INCREASES BY 11.04% FOR THE FIRST THREE QUARTERS 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”), in the third quarter of 2018, the Company’s total power generation by power plants within China on consolidated basis amounted to 116.489 billion kWh, representing an increase of 8.27% over the same period last year. Total electricity sold by the Company amounted to 109.520 billion kWh, representing an increase of 8.34% over the same period last year. For the first three quarters of 2018, the Company’s total power generation by the power plants within China on consolidated basis amounted to 326.755 billion kWh, representing an increase of 11.04% over the same period last year. Total electricity sold by the Company amounted to 307.819 billion kWh, representing an increase of 11.04% over the same period last year. In the first three quarters of 2018, the Company’s average ongrid electricity sales price for its power plants within China amounted to RMB417.12 per MWh, representing an increase of 1.99% over the same period last year.

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

1. The national electricity consumption has maintained a relatively high growth rate, especially in the tertiary industry and residential electricity consumption, which had maintained double-digit growth.
 2. Benefiting from the recovery of thermal power utilization hours, the Company’s power generation in the provinces of Fujian, Guangdong and Central China increased by a large margin year-on-year; and
 3. New wind power, photovoltaic and gas units contributed to the growth of power generation.
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The power generation (in billion kWh) in each region of the Company's domestic power plants are listed below:

| Region | Power Generation | | | | Electricity Sold | | | |
|-----------------------|------------------------|---------|---------------------------|---------|------------------------|---------|---------------------------|---------|
| | July to September 2018 | Change | January to September 2018 | Change | July to September 2018 | Change | January to September 2018 | Change |
| Heilongjiang Province | 2.791 | -18.39% | 9.721 | -1.17% | 2.596 | -18.61% | 9.099 | -1.14% |
| Coal-fired | 2.572 | -19.81% | 8.958 | -2.50% | 2.379 | -20.36% | 8.348 | -2.65% |
| Wind-power | 0.189 | -11.47% | 0.716 | 10.37% | 0.186 | -7.90% | 0.704 | 12.05% |
| PV | 0.031 | — | 0.047 | — | 0.031 | — | 0.046 | — |
| Jilin Province | 2.602 | 15.15% | 7.691 | 23.20% | 2.463 | 15.35% | 7.285 | 23.75% |
| Coal-fired | 2.322 | 16.56% | 6.725 | 24.35% | 2.194 | 16.69% | 6.355 | 24.81% |
| Wind-power | 0.191 | 2.00% | 0.710 | 15.84% | 0.185 | 2.53% | 0.691 | 16.94% |
| Hydro-power | 0.031 | 78.47% | 0.074 | 18.67% | 0.030 | 77.46% | 0.073 | 18.16% |
| PV | 0.013 | 105.00% | 0.026 | 276.39% | 0.013 | 104.12% | 0.025 | 275.49% |
| Biomass power | 0.044 | -21.10% | 0.156 | 2.68% | 0.040 | -20.91% | 0.141 | 3.52% |
| Liaoning Province | 5.907 | -2.81% | 15.228 | 3.95% | 5.526 | -2.46% | 14.180 | 3.51% |
| Coal-fired | 5.801 | -2.79% | 14.806 | 3.26% | 5.421 | -2.80% | 13.762 | 2.76% |
| Wind-power | 0.058 | -13.52% | 0.267 | 13.25% | 0.057 | -13.65% | 0.266 | 13.33% |
| Hydro-power | 0.012 | -17.54% | 0.035 | 22.37% | 0.012 | -17.53% | 0.034 | 22.08% |
| PV | 0.036 | 26.69% | 0.119 | 159.71% | 0.036 | 375.45% | 0.118 | 162.05% |
| Inner Mongolia | 0.047 | 12.43% | 0.175 | 13.72% | 0.046 | 12.43% | 0.173 | 13.66% |
| Wind-power | 0.047 | 12.43% | 0.175 | 13.72% | 0.046 | 12.43% | 0.173 | 13.66% |
| Hebei Province | 3.536 | -8.25% | 9.975 | -6.09% | 3.308 | -8.48% | 9.359 | -6.21% |
| Coal-fired | 3.485 | -8.38% | 9.748 | -6.65% | 3.259 | -8.61% | 9.141 | -6.95% |
| Wind-power | 0.037 | -9.98% | 0.181 | 23.01% | 0.035 | -10.24% | 0.175 | 39.00% |
| PV | 0.015 | 46.90% | 0.045 | 46.50% | 0.014 | 50.40% | 0.043 | 49.87% |
| Gansu Province | 2.286 | 9.64% | 8.789 | 22.16% | 2.166 | 9.66% | 8.344 | 22.37% |
| Coal-fired | 1.738 | 8.44% | 7.261 | 21.03% | 1.626 | 8.02% | 6.857 | 21.09% |
| Wind-power | 0.548 | 13.62% | 1.528 | 27.83% | 0.539 | 14.93% | 1.487 | 28.68% |
| Ningxia | 0.007 | 4.55% | 0.018 | 149.36% | 0.007 | 10.51% | 0.018 | 156.11% |
| PV | 0.007 | 4.55% | 0.018 | 149.36% | 0.007 | 10.51% | 0.018 | 156.11% |
| Beijing | 2.275 | 122.85% | 6.234 | 42.70% | 2.170 | 121.51% | 5.945 | 43.98% |

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| | | | | | | | | |
|-------------------|-------|---------|-------|---------|-------|---------|-------|---------|
| Coal-fired | 0.312 | 158.67% | 0.748 | -38.05% | 0.279 | 172.80% | 0.660 | -36.95% |
| Combined Cycle | 1.964 | 118.06% | 5.486 | 73.53% | 1.891 | 115.53% | 5.285 | 71.47% |
| Tianjin | 2.048 | -7.86% | 5.643 | 3.22% | 1.921 | -8.31% | 5.290 | 2.82% |
| Coal-fired | 1.695 | 0.29% | 4.573 | 4.39% | 1.579 | 0.04% | 4.251 | 4.03% |
| Combined Cycle | 0.351 | -33.82% | 1.067 | -1.67% | 0.342 | -33.84% | 1.036 | -2.03% |
| PV | 0.001 | -2.33% | 0.002 | 197.12% | 0.001 | -3.82% | 0.002 | 198.39% |

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| Region | Power Generation | | | | Electricity Sold | | | |
|-------------------|------------------------|----------|---------------------------|---------|------------------------|----------|---------------------------|---------|
| | July to September 2018 | Change | January to September 2018 | Change | July to September 2018 | Change | January to September 2018 | Change |
| Shanxi Province | 2.732 | 36.02% | 7.526 | 1.46% | 2.535 | 37.09% | 7.018 | 1.05% |
| Coal-fired | 2.712 | 40.78% | 6.308 | 17.45% | 2.515 | 41.20% | 5.833 | 17.46% |
| Combined Cycle | 0.00 | -100.00% | 1.161 | -42.75% | 0.00 | -100.00% | 1.128 | -42.85% |
| PV | 0.020 | 9.67% | 0.057 | 203.30% | 0.020 | 234.30% | 0.057 | 850.90% |
| Shandong Province | 27.744 | 9.37% | 72.710 | 8.17% | 25.880 | 9.17% | 67.905 | 7.91% |
| Coal-fired | 27.482 | 8.92% | 71.752 | 7.46% | 25.630 | 8.71% | 66.996 | 7.21% |
| Wind-power | 0.154 | 136.92% | 0.657 | 104.04% | 0.145 | 135.59% | 0.612 | 96.35% |
| PV | 0.109 | 56.83% | 0.301 | 142.35% | 0.105 | 53.44% | 0.296 | 140.33% |
| Henan Province | 8.099 | 49.74% | 20.792 | 27.71% | 7.628 | 50.48% | 19.591 | 27.83% |
| Coal-fired | 7.221 | 42.81% | 19.358 | 29.75% | 6.769 | 43.29% | 18.187 | 29.98% |
| Combined Cycle | 0.855 | 160.63% | 1.351 | 4.07% | 0.836 | 160.53% | 1.321 | 4.05% |
| Wind-power | 0.017 | -6.69% | 0.063 | 12.33% | 0.017 | -6.77% | 0.063 | 12.39% |
| PV | 0.007 | 5.34% | 0.020 | 157.57% | 0.006 | 5.25% | 0.020 | 157.41% |
| Jiangsu Province | 11.864 | 1.76% | 32.390 | -1.98% | 11.229 | 2.55% | 30.704 | -1.73% |
| Coal-fired | 9.533 | -0.69% | 26.211 | -8.16% | 9.124 | 1.02% | 24.829 | -7.87% |
| Combined Cycle | 1.817 | 0.56% | 4.774 | 25.00% | 1.607 | -4.48% | 4.509 | 23.30% |
| Wind-power | 0.480 | 104.11% | 1.336 | 104.16% | 0.464 | 112.89% | 1.299 | 114.28% |
| PV | 0.034 | 85.11% | 0.069 | 125.97% | 0.035 | 88.69% | 0.068 | 124.55% |
| Shanghai | 4.839 | -9.00% | 14.840 | 5.37% | 4.564 | -9.00% | 14.036 | 5.32% |
| Coal-fired | 4.073 | -15.12% | 13.277 | 5.07% | 3.816 | -15.38% | 12.508 | 4.99% |
| Combined Cycle | 0.766 | 47.67% | 1.563 | 8.00% | 0.748 | 47.90% | 1.528 | 8.07% |
| Chongqing | 3.194 | 29.33% | 7.711 | 15.43% | 2.973 | 30.47% | 7.146 | 15.43% |
| Coal-fired | 2.457 | 15.87% | 6.584 | 17.53% | 2.258 | 16.47% | 6.051 | 17.70% |
| Combined Cycle | 0.727 | 108.10% | 1.117 | 3.59% | 0.709 | 108.85% | 1.089 | 3.78% |
| Wind-power | 0.010 | – | 0.010 | – | 0.005 | – | 0.005 | – |
| Zhejiang Province | 6.741 | -4.93% | 21.539 | 4.90% | 6.444 | -5.10% | 20.675 | 4.92% |
| Coal-fired | 6.599 | -4.37% | 21.038 | 4.64% | 6.305 | -4.54% | 20.183 | 4.65% |

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|-------------------|-------|---------|--------|---------|-------|-----------|--------|----------|
| Combined Cycle | 0.122 | -29.88% | 0.452 | 15.82% | 0.119 | -29.46% | 0.443 | 16.42% |
| PV | 0.020 | 25.98% | 0.049 | 27.79% | 0.020 | 21.64% | 0.049 | 28.42% |
| Hubei Province | 4.902 | 8.61% | 12.966 | 17.39% | 4.569 | 8.28% | 12.103 | 17.16% |
| Coal-fired | 4.674 | 8.03% | 12.389 | 17.34% | 4.371 | 8.21% | 11.593 | 17.59% |
| Wind-power | 0.107 | 48.84% | 0.299 | 37.28% | 0.081 | 14.59% | 0.240 | 12.35% |
| Hydro-power | 0.114 | 1.33% | 0.260 | -2.31% | 0.110 | 0.94% | 0.252 | -2.09% |
| PV | 0.007 | 231.84% | 0.018 | 776.46% | 0.007 | 1,915.61% | 0.018 | 5248.75% |

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| Region | Power Generation | | | | Electricity Sold | | | |
|--------------------|------------------------|---------|---------------------------|---------|------------------------|---------|---------------------------|---------|
| | July to September 2018 | Change | January to September 2018 | Change | July to September 2018 | Change | January to September 2018 | Change |
| Hunan Province | 3.180 | 20.17% | 8.706 | 32.83% | 2.969 | 20.01% | 8.160 | 33.15% |
| Coal-fired | 2.990 | 21.78% | 8.028 | 36.67% | 2.782 | 21.72% | 7.491 | 37.28% |
| Wind-power | 0.093 | -22.85% | 0.419 | 2.20% | 0.092 | -22.99% | 0.414 | 2.14% |
| Hydro-power | 0.086 | 40.24% | 0.233 | -10.59% | 0.085 | 40.44% | 0.228 | -10.63% |
| PV | 0.011 | 18.57% | 0.027 | 152.92% | 0.011 | 18.06% | 0.026 | 151.45% |
| Jiangxi Province | 5.957 | 5.75% | 16.000 | 9.43% | 5.686 | 5.99% | 15.295 | 9.60% |
| Coal-fired | 5.874 | 5.68% | 15.730 | 8.85% | 5.608 | 5.69% | 15.032 | 8.85% |
| Wind-power | 0.083 | 11.09% | 0.270 | 58.76% | 0.078 | 33.06% | 0.263 | 81.10% |
| Anhui Province | 1.742 | 13.81% | 4.548 | 3.93% | 1.658 | 13.72% | 4.335 | 3.64% |
| Coal-fired | 1.644 | 12.45% | 4.265 | 1.55% | 1.561 | 12.30% | 4.058 | 1.29% |
| Wind-power | 0.071 | 104.97% | 0.209 | 123.41% | 0.070 | 105.12% | 0.202 | 117.75% |
| Hydro-power | 0.027 | -20.76% | 0.075 | -10.38% | 0.026 | -20.81% | 0.075 | -10.40% |
| Fujian Province | 3.819 | 17.22% | 9.782 | 34.32% | 3.595 | 17.13% | 9.229 | 34.48% |
| Coal-fired | 3.815 | 17.26% | 9.772 | 34.27% | 3.591 | 17.06% | 9.219 | 34.36% |
| PV | 0.004 | -15.24% | 0.010 | 111.57% | 0.004 | 158.73% | 0.010 | 576.43% |
| Guangdong Province | 6.307 | 9.36% | 20.389 | 35.92% | 5.983 | 9.08% | 19.480 | 36.03% |
| Coal-fired | 6.300 | 9.39% | 20.372 | 35.96% | 5.976 | 9.11% | 19.463 | 36.07% |
| PV | 0.006 | -13.29% | 0.017 | -0.36% | 0.006 | -13.29% | 0.017 | -0.30% |
| Guangxi | 0.095 | – | 0.264 | – | 0.091 | – | 0.253 | – |
| Combined Cycle | 0.095 | – | 0.264 | – | 0.091 | – | 0.253 | – |
| Yunnan Province | 0.881 | 1.64% | 3.454 | 25.71% | 0.837 | 5.29% | 3.213 | 26.60% |
| Coal-fired | 0.812 | 0.51% | 3.076 | 26.14% | 0.771 | 4.43% | 2.847 | 27.14% |
| Wind-power | 0.069 | 17.25% | 0.377 | 22.32% | 0.066 | 16.52% | 0.367 | 22.59% |
| Guizhou Province | 0.033 | 259.26% | 0.143 | 233.32% | 0.026 | 194.39% | 0.135 | 220.83% |
| Wind-power | 0.033 | 259.26% | 0.143 | 233.32% | 0.026 | 194.39% | 0.135 | 220.83% |
| Hainan Province | 2.861 | -6.48% | 9.522 | 8.20% | 2.649 | -6.45% | 8.850 | 8.38% |
| Coal-fired | 2.696 | -9.69% | 9.203 | 7.31% | 2.485 | -9.91% | 8.535 | 7.43% |

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|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Combined Cycle | 0.00 | -97.11% | 0.023 | 72.32% | 0.00 | -96.73% | 0.023 | 72.45% |
| Wind-power | 0.013 | -8.01% | 0.060 | -10.98% | 0.013 | -7.99% | 0.058 | -10.91% |
| Hydro-power | 0.134 | 209.56% | 0.196 | 58.70% | 0.133 | 211.19% | 0.194 | 59.17% |
| PV | 0.018 | 64.40% | 0.041 | 92.94% | 0.018 | 64.69% | 0.040 | 93.55% |
| Total | 116.489 | 8.27% | 326.755 | 11.04% | 109.520 | 8.34% | 307.819 | 11.04% |

For the third 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 20.6% in Singapore, representing a decrease of 1.8 percentage points compared to the same period last year (22.4%). In the first three quarters of 2018, the accumulated power generation accounted for a market share of 20.8%, representing a decrease of 1 percentage point compared to the same period last year.

The Company's wholly-owned Heilongjiang Shuangyu Photovoltaic Project with a total capacity of 13.4 MW, the 34 MW Chongqing Fengjie Jinfengshan Wind Farm, the 37.4 MW Jiangxi Gaolongshan Wind Farm, the Hubei Zhongxiang Hujiawan Wind Power Project with a total capacity of 126MW and the 13.8 MW Jiangsu Yizheng Wind Farm, and the Hainan Chengmai Photovoltaic Project with a total capacity of 32MW (in which the Company has a 91.8% interest) were put into operation in the third quarter respectively.

In addition, in August 2018, Huaneng Shandong Power Generation Co., Ltd. (a subsidiary 80% owned by the Company) acquired from Huaneng Taishan Power Co., Ltd. a 15% interest in Shandong Laiwu Power Generation (total installed capacity of 2000 MW), a 75% interest in Shandong Liaocheng Cogeneration (total installed capacity of 280 MW), an 80% interest in Shandong Laiwu Cogeneration (total installed capacity of 660 MW) and an 80% interest in Shandong Laizhou Wind Power (total installed capacity of 98.3 MW), thus resulting in changes in the Company's controlled and equity-based installed capacity.

Meanwhile, the installed capacity of certain power plants invested by the Company changed in the third quarter of 2018.

Based on the above, as of 30 September 2018, the Company had a controlled installed capacity of 105,720 MW and an equity-based installed capacity of 93,386 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
19 October 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: October 19, 2018