

ANNUAL RESULTS PRESENTATION

25 March, 2015

Hong Kong



Content

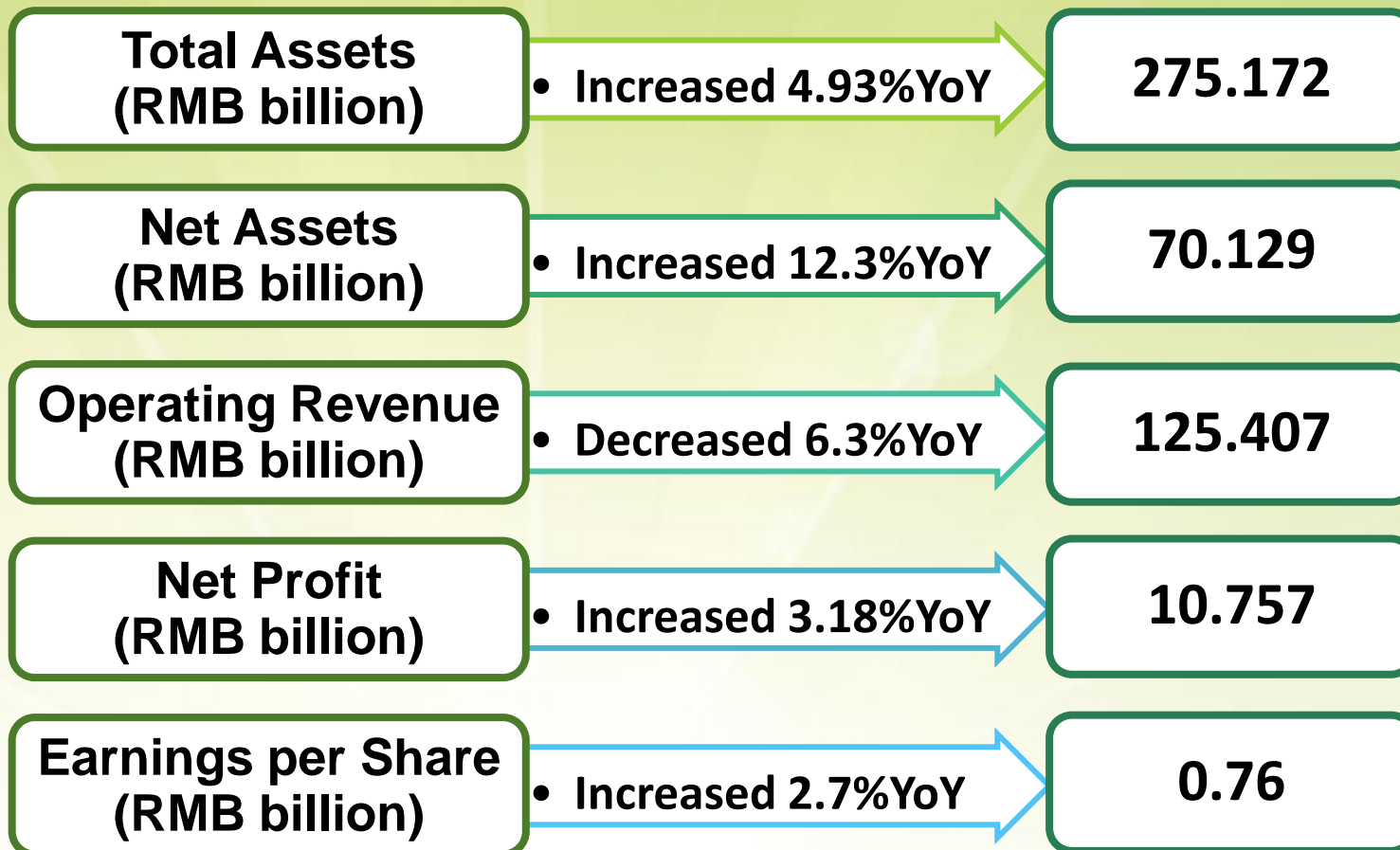
I Financial Highlights

II Business Performance

III Trend and Objectives

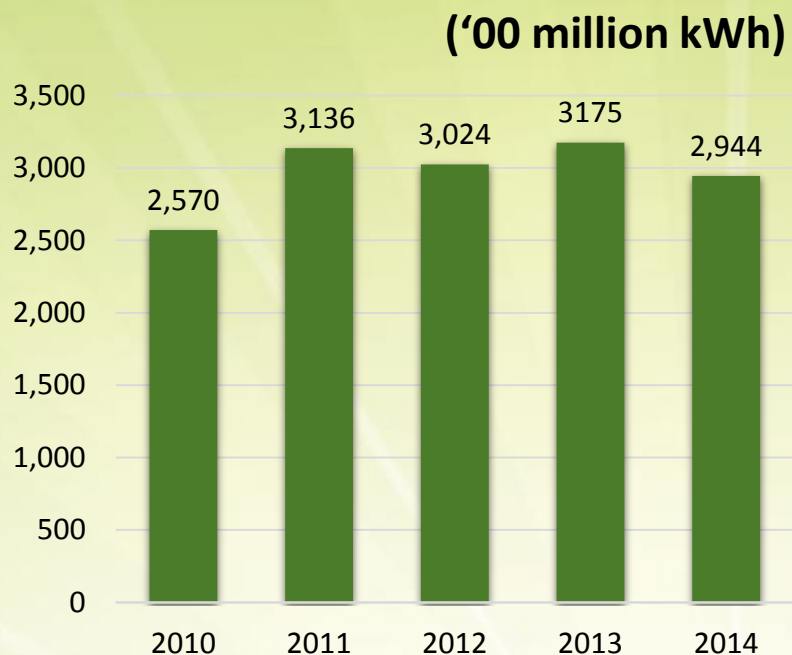
IV Outlook and Perspectives

Financial Highlights



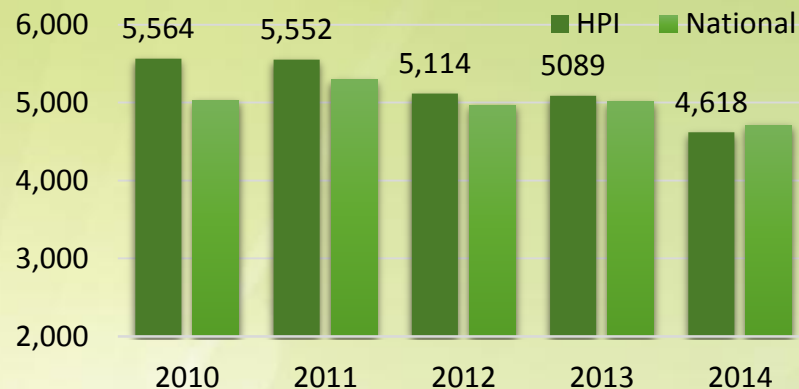
Business Performance

Domestic Power Generation



In 2014, total domestic power generation of the Company was 294.4 billion kWh, decreasing by 7% yoy.

Avg. utilization hours of thermal units



Average tariffs(RMB/MWh)

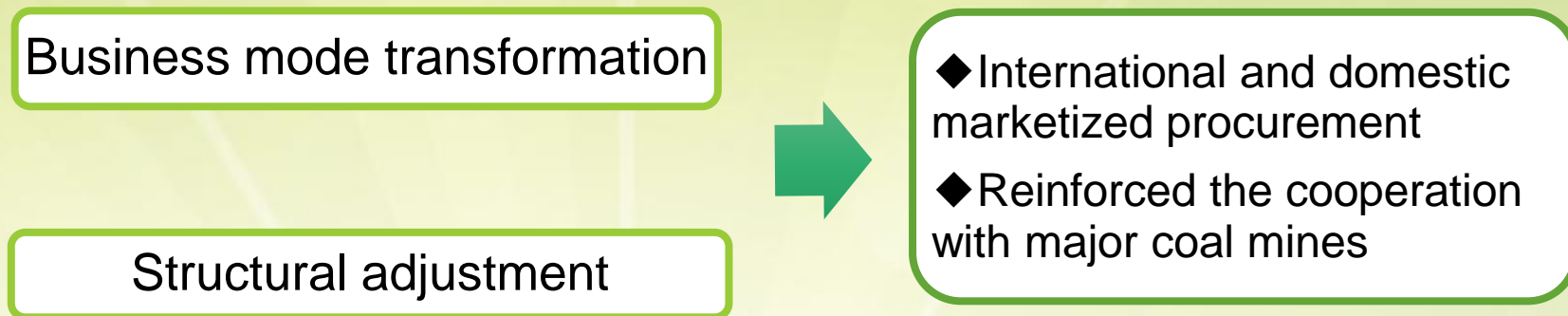


Average utilization hours of thermal units was 4618.

Average tariffs settled for 2014 was RMB 454.95MWh, increased 0.13% over the same period last year.

Business Performance (continued)

▶ Fuel supply and Costs

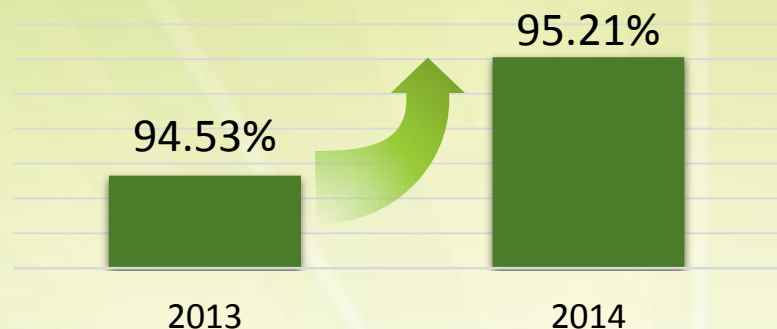


- ▶ In 2014, the company totally purchased 121 million tons natural coal.
- ▶ The unit fuel cost of power sold of the year for domestic power plants was RMB 201.19/MWh, decreased 7.96% yoy.

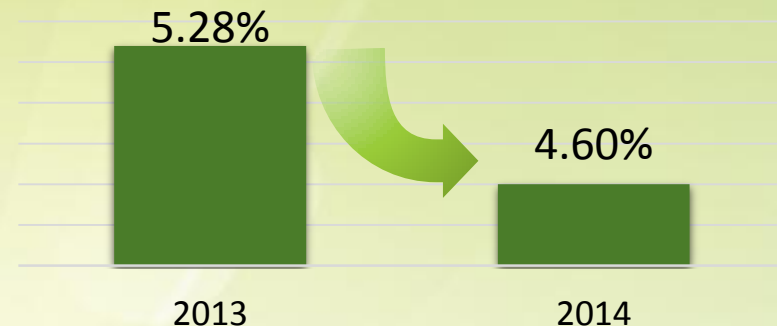
Business Performance (continued)

➤ Leading Technical & Energy Consumption Indicators

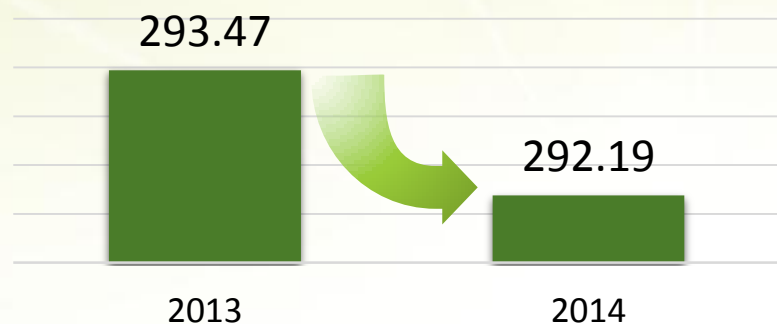
Average equivalent availability ratio



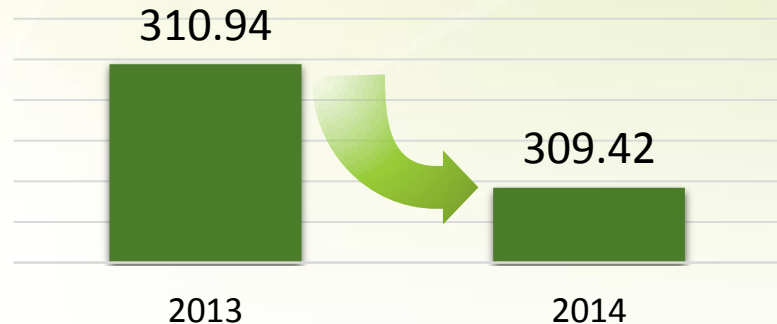
Average house consumption rate



Average coal consumption for generation



Average coal consumption for power sold



Business Performance (continued)

| Projects Commissioned in 2014 | | |
|-------------------------------|--|---------------|
| | Project | Capacity(MW) |
| Coal fired | Tembusu Multi-Utilities Complex Phase II Project A | 32.5 |
| | Zhejiang Changxing | 1320 |
| Gas fired | Zhejiang Tongxiang Combined Cycle | 458.4 |
| | Tianjin Lingang Co-generation | 463 |
| | Chongqing Liangjiang Combined Cycle | 934 |
| Wind | Liaoning Changtu Wind Power Phase II | 48 |
| | Yunnan Wenbishan Wind Power | 40 |
| | Jiangxi Huaneng Jianggongling Wind Power | 48 |
| | Hunan Subaoding Wind Power | 80 |
| | Gansu Jiuquan Wind Power Phase II | 200 |
| Photovoltaic | Zhejiang Si'an PV | 5 |
| | Total | 3628.9 |

Business Performance (continued)

► Acquisition

- The Company acquired the assets and interests of ten target power companies from Huaneng Group and Huaneng International Power Development Corporation

| | | | |
|-------------------------|--------|-------------------------|------|
| Hainan Power | 91.8% | Chaohu Power | 60% |
| Wuhan Power | 75% | Ruijin Power | 100% |
| Suzhou Thermal Power | 53.45% | Anyuan Power | 100% |
| Dalongtan Hydropower | 97% | Yingcheng Thermal Power | 100% |
| Hualiangting Hydropower | 100% | Jingmen Thermal Power | 100% |

- Increase total operational installed capacity of 7,087.5 MW and 2,300 MW of capacity under construction.

Business Performance (continued)

► Shares placement

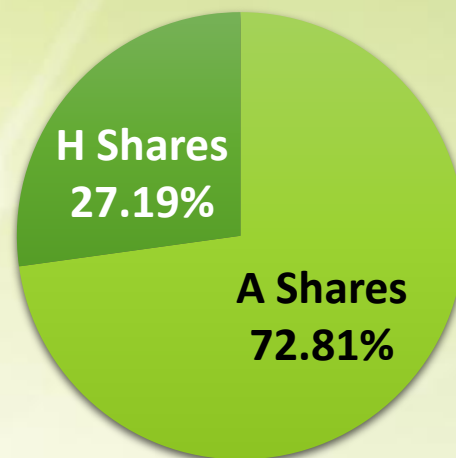
- On November 13, the company issued H shares to nine placeses.

Issued Shares of the Company

Number of new H shares 365,000,000

Placing price HK\$8.6

Aggregate raising funds HK\$3139 million



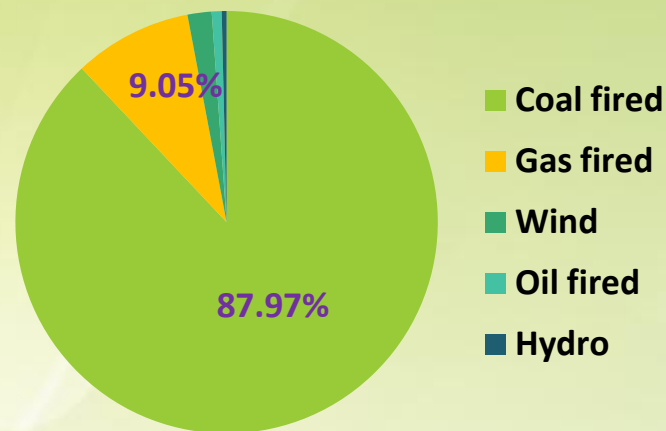
- The total number of issued shares of the company increased to 14,420,383,440 shares. The total number of H Shares increased to 3,920,383,440 shares.
- Huaneng group holds 50.01% direct and indirect interests of the company

Business Performance (continued)

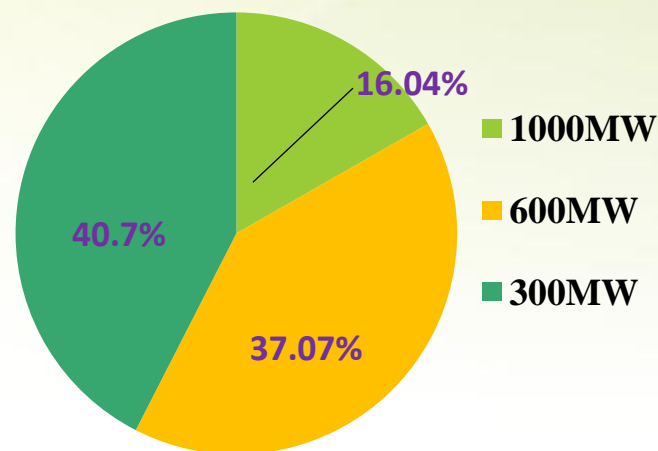
➤ Generation Capacity

- ▶ To date, the controlling generation capacity was 78,693MW, and the equity-based generation capacity was 70,736MW.
- ▶ The Company has plants in 21 provinces, municipalities and autonomous regions of China, and a wholly-owned power company in Singapore.

Generation Structure

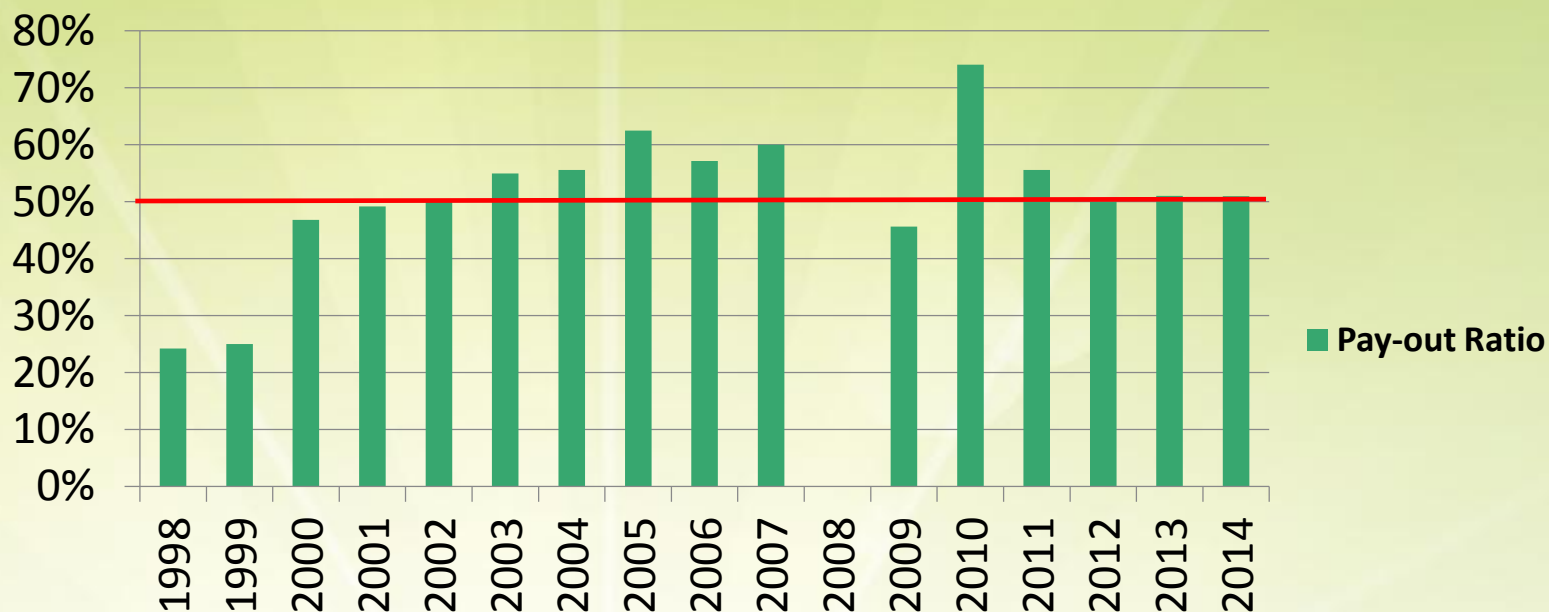


Class of Units



Business Performance (continued)

► Dividends Payout



Notes: Calculated under IFRS (DPS/EPS), the company paid dividends per share of RMB0.10 in spite of the losses in 2008.

- Our cash dividend payout ratio will not be less than 50% of the distributable profit realized in the then year's consolidated financial statement.

Trend and Objectives (Continued)

Generation Objectives for 2015



Domestic generation

345 billion kWh



Utilization hours of domestic units

4460 hours

Strengthen the awareness of market-orientation, reform, innovation and risk management



Elevate management level and focus on quality and efficiency

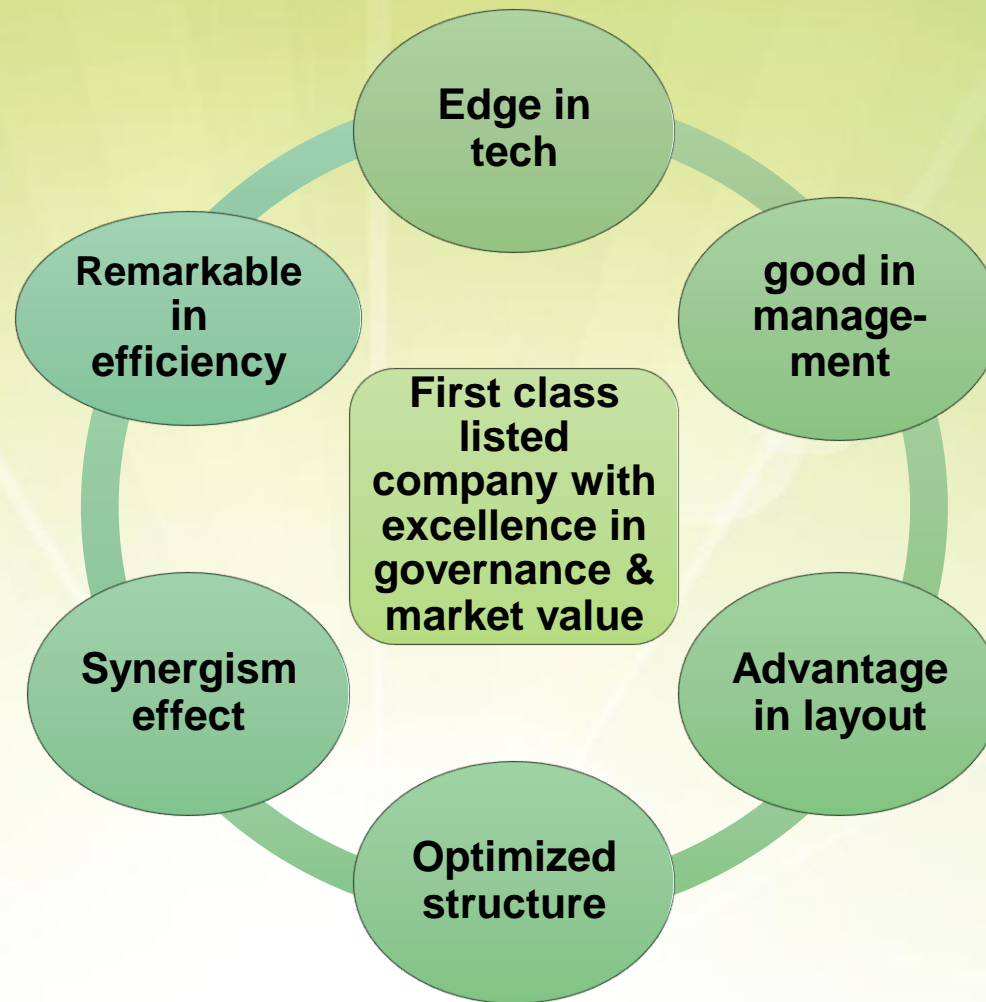


Improve profitability, competitiveness and sustainability



Main Tasks

Outlook and Perspectives



The controlled capacity will exceed 80GW by 2015.

POWERING TOMORROW

A stylized green plant with a power plug as a flower, symbolizing clean energy and sustainable power. The plant has a thick green stem, several green leaves, and a large green flower head shaped like a power plug with two prongs. The background is a light green gradient with faint, larger versions of the plant.