



華能新能源股份有限公司
Huaneng Renewables Corporation Limited*

2017

Interim Results Presentation



* For identification purpose only

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Contents

1. Business Performance Overview

2. First Half Business Review

3. Perspective & Second Half Targets



Business Performance Snapshot



01

Total revenue of RMB 5.617 billion representing a YoY growth of 14.3%



Adjusted EBITDA ⁽¹⁾ of RMB 5.091 billion representing a YoY growth of 13.0%

02

03

Net Profit Attributable to Shareholders reached RMB 2.032 billion, representing a YoY growth of 12.4%



EPS was RMB 0.2046 representing a YoY growth of 10.2%

04

05

Net Assets Per Share ⁽²⁾ of RMB 2.24 representing a YoY growth of 13.1%



(1) Adjusted EBITDA does not include other income

(2) Net asset per share dose not include non-controlling interests

First half Business Review

Steady Growth in Power Generation and Utilization Hours

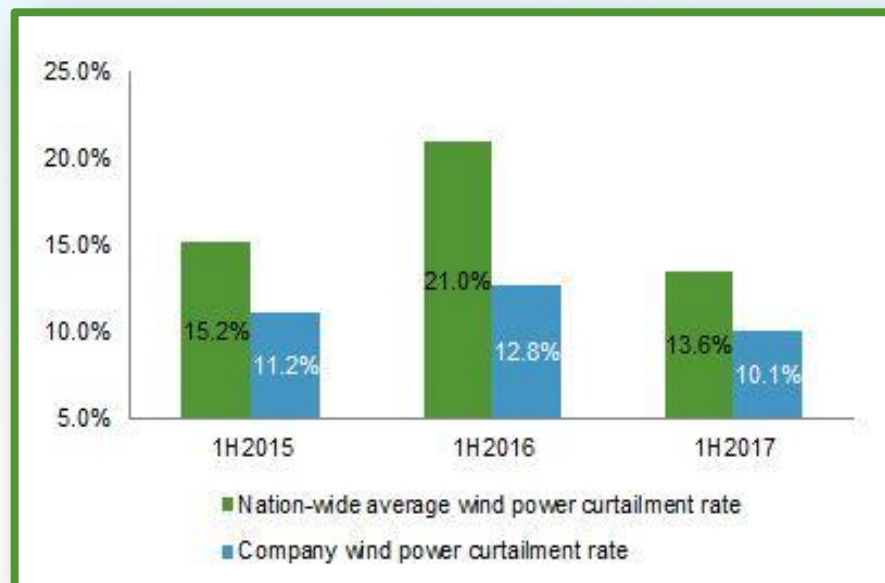
Power generation by business segment and geography

(MWH)	1H2017	1H2016	Change
Wind Power	11,241,981.1	9,858,179.8	14.0%
Inner Mongolia	2,348,469.9	2,304,943.7	1.9%
Yunnan	1,951,768.3	1,648,256.2	18.4%
Liaoning	1,489,879.1	1,362,538.5	9.3%
Shandong	989,921.6	972,754.4	1.8%
Sichuan	761,417.5	499,842.1	52.3%
Shanxi	710,751.5	699,718.5	1.6%
Guizhou	701,202.8	644,900.3	8.7%
Guangdong	518,156.5	467,160.1	10.9%
Xinjiang	455,240.9	400,115.0	13.8%
Hebei	402,824.2	387,744.9	3.9%
Jilin	353,996.4	186,258.6	90.1%
Shannxi	336,084.0	147,139.8	128.4%
Shanghai	101,044.1	105,066.8	-3.8%
Guangxi	61,469.2	-	-
Zhejiang	59,755.1	31,740.9	88.3%
Solar Power	618,656.3	479,103.0	29.1%
Total	11,860,637.4	10,337,282.8	14.7%

Utilization hours by business segment and geography

(Hours)	1H2017	1H2016	Change
Wind Power	1,109	1,094	15
Guangxi	1,948	-	-
Yunnan	1,749	1,683	66
Sichuan	1,585	1,531	54
Hebei	1,114	1,170	-56
Liaoning	1,081	1,047	34
Guangdong	1,038	995	43
Xinjiang	1,017	1,151	-134
Shandong	989	1,022	-33
Guizhou	986	920	66
Shanxi	983	1,008	-25
Zhejiang	977	920	57
Inner Mongolia	952	942	10
Shannxi	937	1,405	-468
Jilin	936	973	-37
Shanghai	894	873	21
Solar Power	824	805	19

First half Business Review

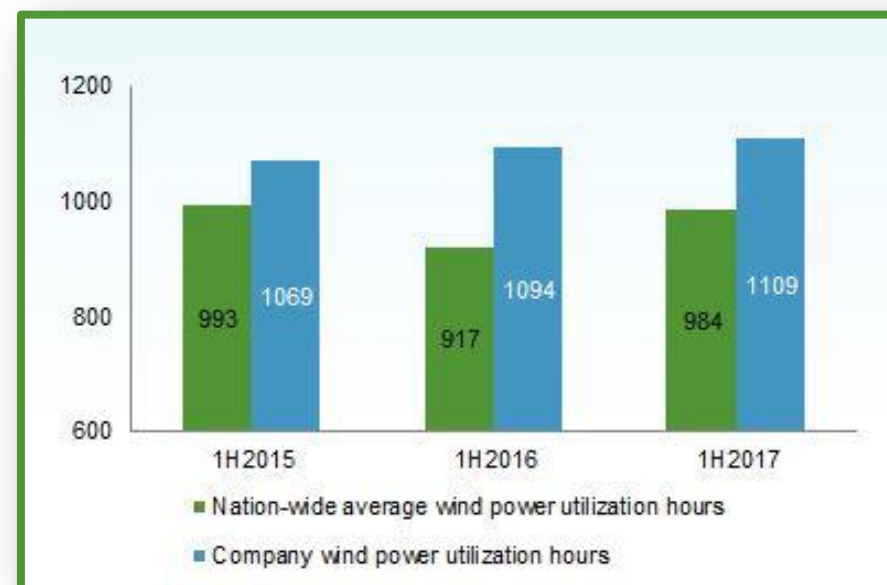


Maintained the lowest Curtailment rate in the sector

Wind power Curtailment rate 10.1%
3.5 percentage points lower than sector average

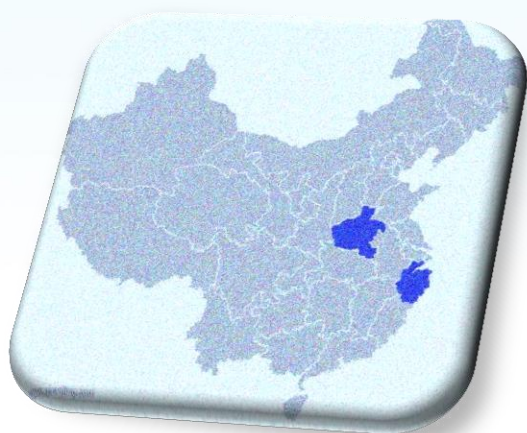
Wind power utilization hours kept in a leading position in the industry

Wind farms utilization hours was 1,109 hours
125 hours above the nation-wide average level

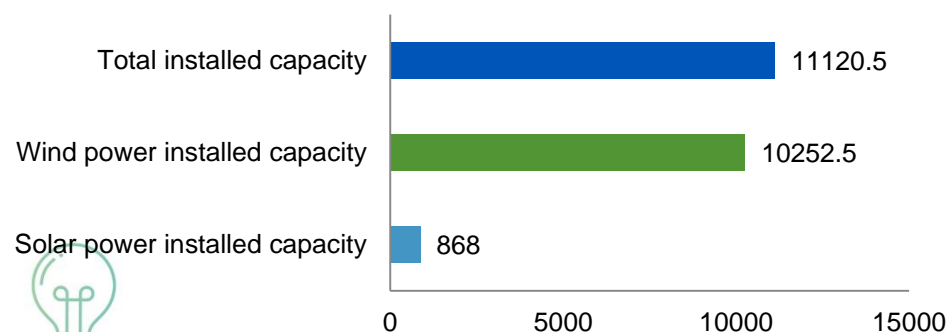


First half Business Review

33MW of Photovoltaic project operated before 30th June
A breakthrough of Solar power business in Henan
Province and Zhejiang Province



11,120.5 MW of total installed capacity by 30th June 2017



Installed capacity by business segment and geography

Wind Power (MW)		Solar Power (MW)	
By business geography	1H2017	By business geography	1H2017
Gross capacity	10,252.5	Gross capacity	868.0
Inner Mongolia	2,467.2	Qinghai	255.0
Yunnan	1,116.5	Gansu	150.0
Shandong	1,002.2	Inner Mongolia	170.0
Liaoning	1,402.5	Yunnan	90.0
Shanxi	743.5	Ningxia	30.0
Guizhou	729.0	Shanxi	40.0
Guangdong	502.6	Liaoning	44.0
Hebei	361.5	Xinjiang	50.0
Xinjiang	447.5	Jilin	10.0
Shanghai	108.0	Hebei	20.0
Jilin	396.0	Henan	1.0
Shannxi	358.5	Zhejiang	8.0
Sichuan	493.5		-
Zhejiang	74.5		
Guangxi	49.5		

First half Business Review



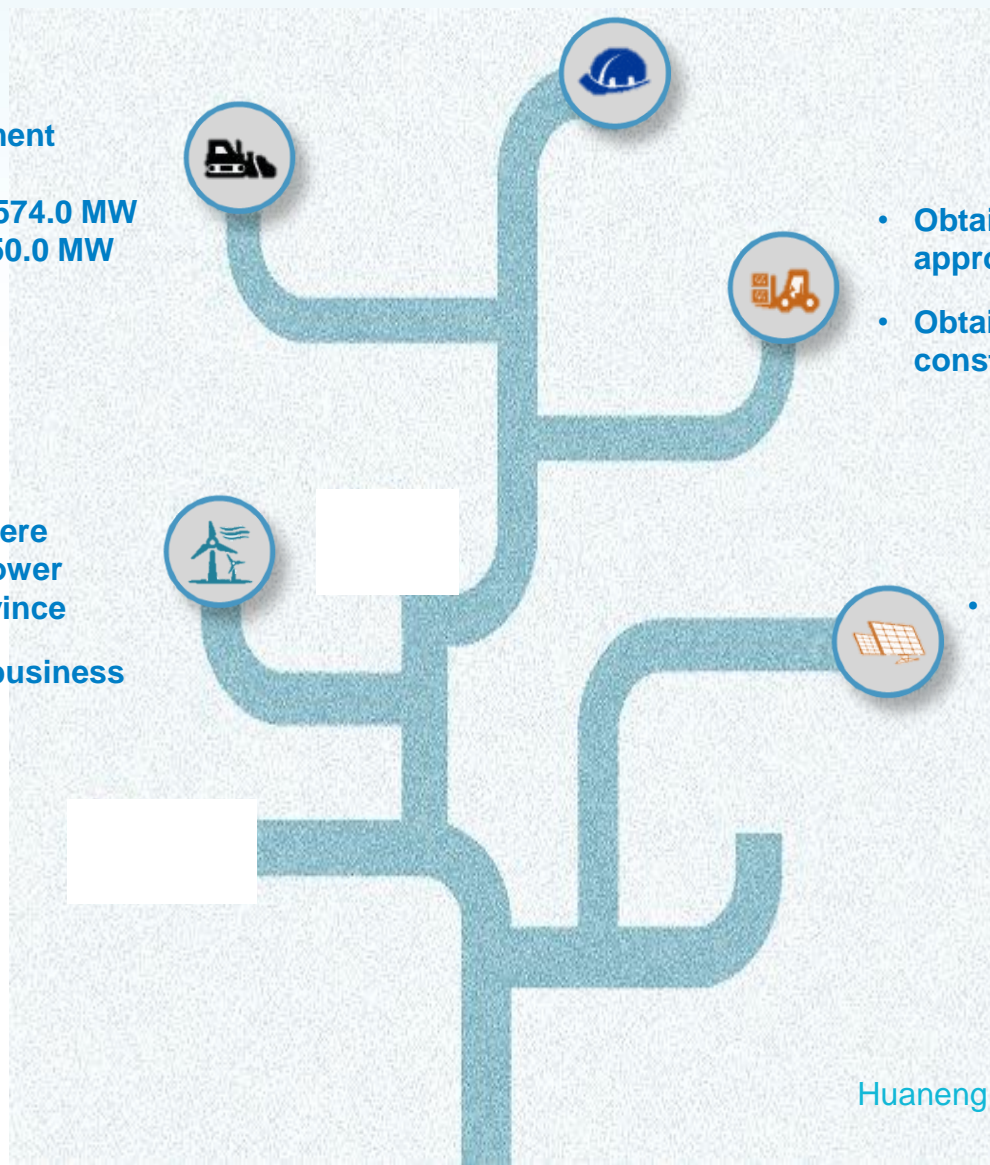
Enhancing Preliminary development with provincial breakthroughs

- Obtained wind power development capacity 624.0 MW, including:
Provincial development plans 574.0 MW
Wind farm development base 50.0 MW

- 76.0 MW wind power capacity were included in 2017 annual wind power development plan of Hubei province
- A breakthrough of wind power business in Hubei province

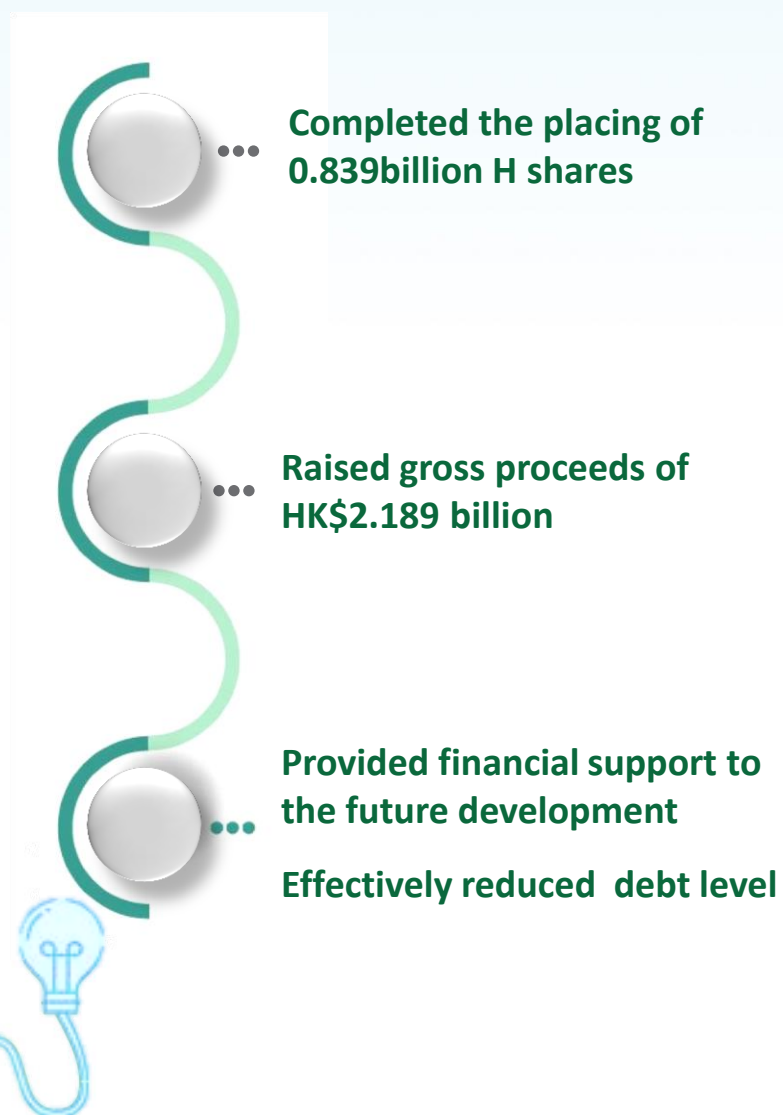
- Obtained wind power project approvals 198.0 MW
- Obtained photovoltaic project construction scales 9.3 MW

- Filled in blanks in the Company's development of rooftop PV projects in Tianjin municipality

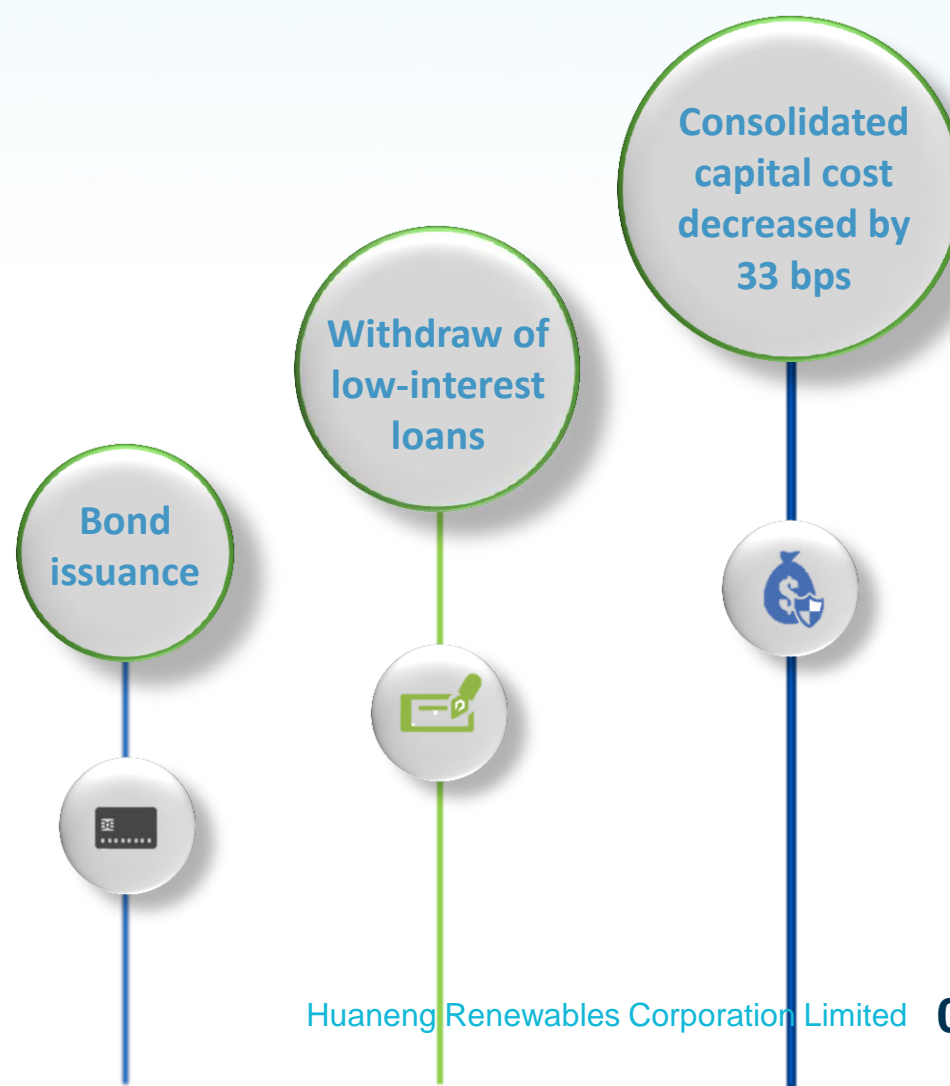


First half Business Review

Completion of H Share Placement



Taking Various Financing Means Consolidated Capital Cost decreased



Business Perspectives



Second half targets



Thank you

