

2023 Interim Results Presentation

CONCORD NEW ENERGY GROUP (0182.HK)

— An Experienced Wind & Solar Developer and Operator

1st Aug. 2023



Disclaimer

- This document has been prepared for general information purposes only and is not, and should be not construed as, an offer for sell or a solicitation of an offer to buy any securities
- Information and opinions contained herein have been compiled in good faith by Concord New Energy Group Limited from sources believed to be reliable, but no representation or warranty, expressed or implied, is made as to their accuracy, completeness or correctness
- All opinions and estimates contained in this document are provided in good faith but without legal responsibility and are subject to change without notice
- Neither Concord New Energy Group Limited and/or any of its subsidiaries or affiliates, nor any of its or their officers, employees or representatives, accepts any responsibility or liability whatsoever from any actions or claims arising from any use or interpretation of the information contained herein

1H2023 Financial Summary

Unit: Million RMB

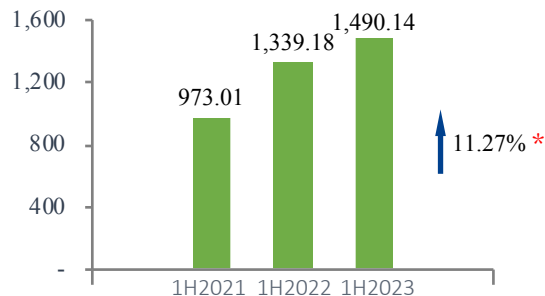
		As of 30 th Jun. 2023	As of 31 st Dec 2022	Change
Key Financial Data	Total Assets	29,769.29	27,172.52	+9.56%
	Net Assets	8,293.16	8,094.89	+2.45%
	Cash and Cash Equivalents	3,429.17	4,049.28	-15.31%
		As of 30 th Jun. 2023	As of 30 th Jun. 2022	Change
	Revenue	1,490.14	1,339.18	+11.27%
	Profit Attributable to Owners of the Company	496.30	443.18	+11.99%
	Fully Diluted EPS	5.81 cents	4.99 cents	+16.43%
Segment Revenue	Power Generation¹	1,195.60	1,044.20	+14.50%
	O&M	158.94	115.72	+37.35%
	Others	135.61	179.26	-24.35%
Segment Results ²	Power Generation	818.70	704.02	+16.29%
	O&M	22.20	16.25	+36.62%
	Others	-10.09	4.10	-346.10%

1. Power generation revenue from consolidated power plants

2. The Segment Results are the earnings before interest and tax and disposal gain. The Power Generation includes the power generation, URP release, deferred tax contribution and shared profits of joint ventures.

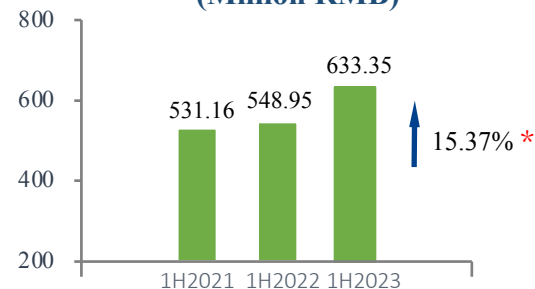
Financial Indicators Continuously Improved, Profit Increased Significantly

Revenue (Million RMB)



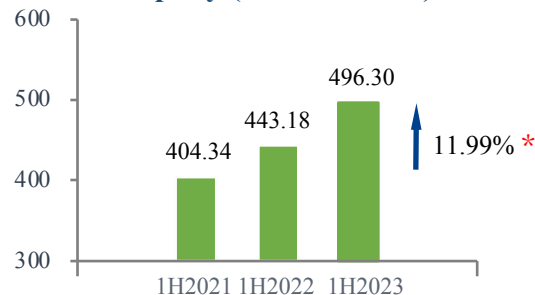
* Change% between 1H2023 & 1H2022

Power Generation Profits (Million RMB)



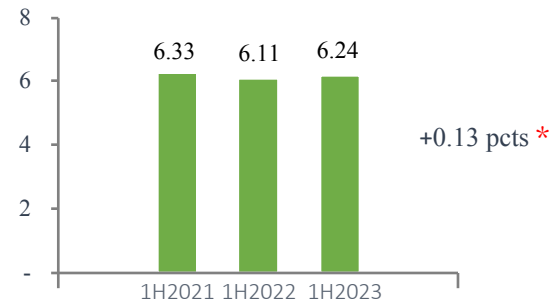
* Change% between 1H2023 & 1H2022

Profit Attributable to Owners of the Company (Million RMB)



* Change% between 1H2023 & 1H2022

Return on Equity (%)



* Change between 1H2023 & 1H2022

Significant Growth in Attributable Capacity, Rapid increase in Subsidy-free Projects Proportion

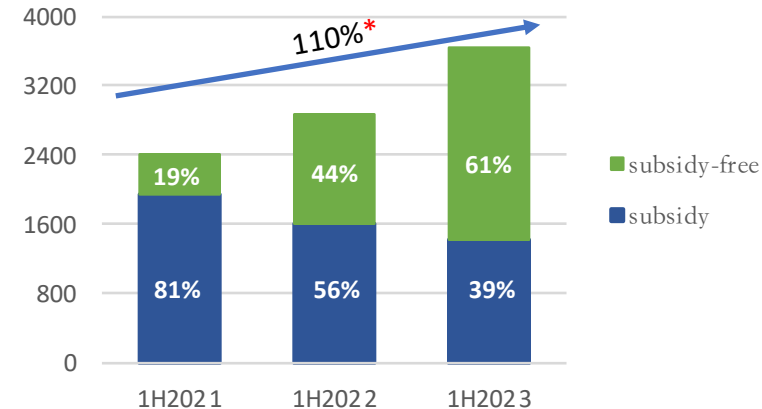
- By the end of 1H2023, the Company held 77 renewable power plants, with an attributable installed capacity of 3,640MW, an year-on-year growth of 26.61%
- The attributable installed capacity of Subsidy-free projects reached 2,213MW, accounting for 61% of the attributable installed capacity

Attributable Capacity

	1H2023	1H2022	Change
Operational Attributable Installed Capacity	3,640 MW	2,876 MW	26.6%
Subsidiary –owned Wind Plants	2,521 MW	1,801 MW	40.0%
Associates and JV Wind Plants	668 MW	624 MW	7.1%
Subsidiary -owned PV Plants	444 MW	444 MW	-
Associates and JV PV Plants	7 MW	7 MW	-

Remark: The company's subsidiary-owned subsidy-free capacity is 2,213MW, consisting of wind power 1,885MW, PV power 328MW.

Operating Attributable Capacity Structure



capacity (GW)	1H2021	1H2022	1H2023
subsidy-free	0.5	1.3	2.2
subsidy	1.9	1.6	1.4

*Compound annual growth rate of subsidy-free capacity from 1H2021 to 1H2023

Operating Indicators Maintained the Forefront of The Industry

Operational Indicators (Attributable)	As of 30 th June 2023	As of 30 th June 2022	Change
<u>Weighted Average Utilization Hours</u>			
Wind Plants	1,353 Hours	1,321 Hours	2.4%
PV Plants	731 Hours	791 Hours	-7.6%
<u>Weighted Average Tariff (traded power adjustment considered)</u>			
Wind Plants	0.4276/kW·h	0.4649/kW·h	-8.0%
PV Plants	0.5128/kW·h	0.5338/kW·h	-3.2%
<u>Total Attributable Average Grid Curtailment</u>			
	4.2%	3.5%	↑ 0.7 percentage
Wind Plants	4.0%	3.4%	↑ 0.6 percentage
PV Plants	6.3%	4.4%	↑ 1.9 percentage

Remark : According to The National Energy Administration of China, the national average utilization hours of wind power was 1,237 hours and that of PV power was 658 hours.

Attributable Power Generation Increased Substantially, Revenue and Profit Hit a New High

	Attributable Power Generation Output (GW·h)			Power Generation Revenue (RMB '000)			Attributable Power Generation Net Profit (RMB '000)		
	1H2023	1H2022	Change	1H2023	1H2022	Change	1H2023	1H2022	Change
Total	4,151	3,315	25.2%	1,195,597	1,044,201	14.5%	633,353	548,947	15.4%
<u>Total Subsidiary - owned Power Plants</u>	3,391	2,616	29.6%	1,195,597	1,044,201	14.5%	489,433	437,502	11.9%
Wind	2,989	2,266	31.9%	1,011,545	886,417	14.1%	437,959	375,240	16.7%
PV	402	350	14.9%	184,052	157,784	16.6%	51,474	62,262	-17.3%
<u>Total Associates and JV Power Plants</u>	760	699	8.7%	-	-	-	143,920	111,445	29.1%

Remark: Attributable Net Profit refers to the sum of net profit of power plants based on attributable calculation.

The income of associates and JV power plants are not consolidated.

Remarkable Achievement in Project Development, Continuously Expand Project Reserve

- In 1H2023, Company acquired the construction permits for 483.5 MW profitable projects, and approvals/ registrations for 706 MW projects
- Actively expanding the project reserve areas and achieving the first project in Jiangsu Province
- Strategically positioning in various countries while steadily and adaptively expanding the international market

➤ Acquired Investment Projects 483.5MW (construction permits)

No.	Province	Type	Capacity(MW)
1	Heilongjiang	Wind	100
2	Guizhou	Wind	247.5
3	Jiangsu	PV	100
4	Xizang	PV	30
5	Neimenggu	PV	6
Total			483.5

➤ Newly-added approved (registered) projects 706MW

No.	Province	Type	Capacity(MW)
1	Heilongjiang	Wind	300
2	Guizhou	Wind	100
3	Henan	Wind	100
4	Hunan	Wind	100
6	Jiangsu	PV	100
7	Neimenggu	PV	6
Total			706

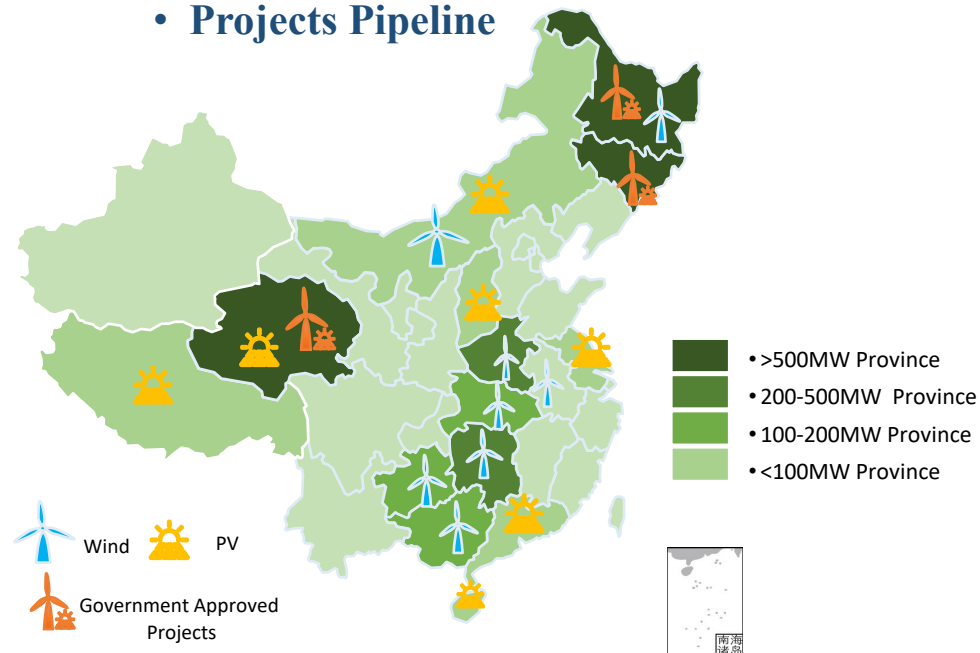
Ample Projects Pipeline Guaranteed the Acceleration of Projects Construction

- Approved projects under/ready for construction were 2,194MW in 1H2023, which will strongly guarantee the company's sustainable development

• Projects Under/Ready for Construction

No.	Province	Type	Capacity(MW)	Total
1	Heilongjiang	Wind	900	Subtotal: 1,866 Proportion: 85.1%
2	Hunan		400	
3	Henan		200	
4	Guangxi		100	
5	Guizhou		100	
6	Hubei		100	
7	Anhui		51	
8	Neimenggu		15	
1	Qinghai	PV	100	Subtotal: 328 Proportion: 14.9%
2	Jiangsu		100	
3	Shanxi		60	
4	Xizang		30	
5	Hainan		20	
6	Guangdong		12	
7	Neimenggu		6	
Total			2,194	

• Projects Pipeline



GET & GPC Revenue Increased, Subsidy-free Projects Obtained Extra Income

GET

- In 1H2023, the company completed a GET (green electricity trading) volume of 475 million kWh, and the green electricity transaction revenue increased by more than RMB 12 million.

GPC

- The company has strengthened the sales management of GPC (Green Power Certificate). In 1H2023, the GPC issued for subsidy-free projects had a year-on-year increase of 75. The newly signed GPC sale contracts amounted to approximately 30 million.

Taking a 50MW subsidy-free project as an example, assuming that GPC price is RMB 20 per unit, it is estimated that the annual income will increase by RMB 3 million. The calculation is as follows:

Capacity(MW)	Hours(H)	Annual Power Generation (GW·h)	Number of Green Certificates	Unit Price of Green Certificates (RMB)	Revenue of Green Certificates('000RMB/Y)
50	3,000	150	150,000	20	3,000

Continued Industry Leadership in Intelligent O&M Services

Customer Development

- The types of customers are more diverse, the local energy investment enterprises have increased, and the accessories manufacturing enterprises have been newly included
- Foreign companies and financial investors have selected Concord as their preferred asset management service provider


Business development


- Intelligent O&M achieved new heights in operational capacity, maintaining Industry leadership
- The self-developed "Lingfeng" 1.0 version technical support system has been launched, marking the rapid start of the power trading service business
- The income and scale of the offshore business are growing rapidly, the product types are more diverse, and the delivery capacity has improved significantly


Ability building


- New mode of centralized operation + regional maintenance + unmanned stations
- Upgrade of installation qualification

Latest Industry Outlook

 The upsizing trend of wind turbine continues. Onshore wind turbines have launched the 10MW model, while offshore wind turbines have reached 18MW. Global wind turbine prices have steadily declined.

 The price of PV modules has dropped from 1.8 yuan/watt at the beginning of the year to a minimum of 1.2 yuan/watt. Continuous technological advancements have led to a sustained increase in conversion efficiency. N-type photovoltaic modules, represented by TOPCon, have gained market favor due to their superior performance advantages.

 The emerging energy storage market is flourishing, and the future prospects of the green hydrogen industry are promising.

 Green electricity and green certificate policies successively introduced, and the CCER market restart is in sight.

Latest Company Outlook



1 Attributable capacity 3,640MW,
Approved projects under/ready for
Construction 2,194MW

2 Acquired 483.5MW investment
projects (construction permits),
approved (recorded) projects permits
706MW

3 The balance of green subsidy
receivables dropped by 31% year-on-
year. Green subsidy revenue dropped
to 15.3% of power generation revenue

The proportion of GET volume to
the total attributable power
generation exceeds 11%, and newly
signed GPC sale contracts amounted
to approximately 30 million.

Repaid USD debt in advance to
reduce financial costs. New loan
interest rates reached a historic low

Officially joined the United Nations
Global Compact (UNGC), Steadily
promote ESG strategic practice

4

5

6

Development Strategies and Prospects

- Technological innovation continuously motivate the global energy transformation, and renewable energy will continue its overall trend of rapid development.
- Company will conscientiously implement the new development strategy, seize the time opportunity and plan for the development.

 Ensure Safe Production and Prioritize Trading to Enhance Power Plant Profitability

 Concentrate Renewable Energy Project Develop , Steadily Expand the International Market






 Overcome Challenges by Optimization and Coordination, Strengthen Management to Promote Construction

 Vigorously Develop the Intelligent O&M business, Promote the Synergetic Development of Service Businesses

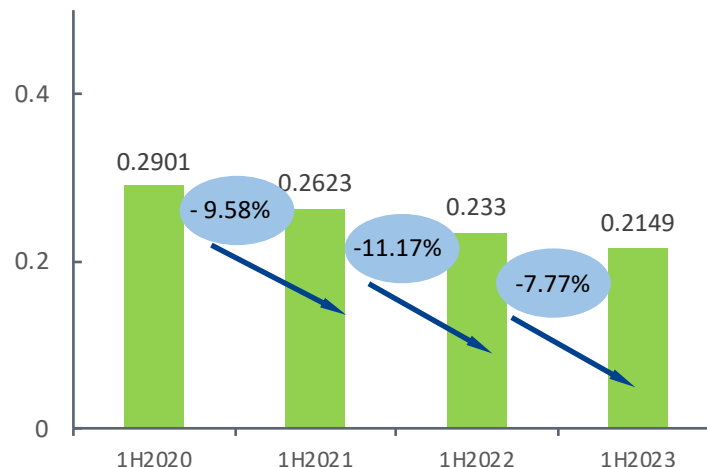
 Continuously Raise Awareness of Operational Excellence and Optimize Asset Quality

Ensure the Lowest LCOE in Industry by Taking Diversified Measures

• Take the Pursuit of the “Lowest Cost of Electricity” as the Company’s Core Competitiveness

-  I: Pay attention to the quality of project development and select quality projects for investment
-  II: Actively optimize the design, new technologies, tracking and applying new turbine types, and new processes in the construction of the Group’s invested projects and build high-quality, high-efficiency power plants
-  III: Implementing regional control, promoting the application of energy internet in power plants operation, refining management
-  IV: Optimizing the asset structure through capital replacement, further reducing the LCOE
-  V: 51 technical retrofit were carried out to increase the power generation of the power plants

LCOE of Power Plant Projects(RMB/kW·h)



Strong ESG Performance Highlights the Social Value

- **MSCI ESG Rating Remains at A Grade**
- **Officially Joined the United Nations Global Compact (UNGC)**

Develop renewable energy business to help energy conservation and emission reduction



Annual CO₂ Reduction

4.53 million tons

Cumulative Emission Reduction

51.80 million tons



Annual SO₂ Reduction

1.02 kilotons

Cumulative Emission Reduction

28.80 kilotons



Standard coal saving:

1.67 million tons

Cumulative saving:

19.34 million tons



Water Saving:

6.58 million tons

Cumulative saving:

106.95 million tons

Organize multiple public welfare projects to help local communities development



Total Donation

24 + Million Yuan



Heilongjiang, Guizhou, Hubei, Yunnan, Hebei Province, among others

Supporting local industrial development, Promoting rural revitalization, Focusing on youth growth, Supporting the development of culture and sports, Donating sports facilities, among others

Appendix

**CNE Concord New Energy Group
Limited (0182.HK)**

- Total Assets: 29.77 bn
- Net Assets: 8.29 bn
- Net Profit: 0.5 bn

(As of 30th Jun. 2023 Unit: RMB)

Power Generation

- Operating renewable energy attributable installed capacity **3,640MW**
- Focusing on the investment in wind and PV projects

O&M

- Asset Management
- O&M Business
- Data Services
- Digital Solutions
- Technical improvement and optimization
- Spare parts repair

Other Businesses

- Consultation & Design
- Engineering Construction and Equipment Procurement
- Finance Lease

Summary of Financial Statement

P&L(RMB'000)	1H2023	1H2022
Revenue	1,490,141	1,339,182
Cost of sales and services rendered	(584,817)	(542,636)
Gross profit	905,324	796,546
Other income	41,359	25,981
Other gains and losses, net	24,674	30,132
Impairment losses under expected credit loss model, net of reversal	(1,234)	
Expenses		
Distribution and selling expenses	(13,941)	(6,894)
Administrative expenses	(221,082)	(187,085)
Finance costs	(314,625)	(257,004)
Share of profit of joint ventures	131,007	104,212
Share of profit of associates	12,913	7,241
Profit before income tax	564,395	513,129
Income tax expense	(44,801)	(42,932)
Profit for Reporting Period	519,594	470,197
Profit attributable to:		
Owners of the Company	496,304	443,179
Non-controlling interests	23,290	27,018

Asset (RMB'000)	1H2023	2022
Current assets	8,254,329	6,664,495
Non-current assets	21,514,959	20,508,021
Total assets	29,769,288	27,172,516
Current liabilities	(8,007,946)	(6,516,961)
Non-current liabilities	(13,468,183)	(12,560,663)
Total liabilities	(21,476,129)	(19,077,624)
Net current assets	246,383	147,534
Net Asset	8,293,159	8,094,892
Share Capital	74,294	77,443
Reserves	7,998,036	7,754,304
Cash Flow (' 000)	1H2023	1H2022
Net cash from operating activities	670,187	831,222
Net cash used in investing activities	(2,474,979)	(1,982,483)
Net cash from financing activities	1,015,169	914,831
Net increase/(decrease) in cash and cash equivalents	(789,623)	(236,430)
Cash and bank balances	3,429,170	4,353,906
Total Liability	21,476,129	18,987,123
Liability with Interest	14,631,593	12,606,239
Weighted Average Cost	4.75%	5.38%
Medium and Long Term Borrowing (>5Years)	13,509,789	10,891,833

Wind Projects in Operation

3,189MW-Attributable Capacity

Associates and JV Projects: 668MW attributable installed Capacity

Year	Project	Regions	Province	Capacity (MW)	CNE's Stake	Tariff (RMB/kW·h)	Attributable Capacity
2006	Chantu Phase I	NE	Liaoning	50.25	25%	0.61	12.56
2008	Erlanhaote Phase I	N	Inner Mongolia	21	49%	0.52	10.29
2009	Linchang Phase I	NE	Jilin	49.5	49%	0.61	24.26
2009	Zhaqi Phase I	N	Inner Mongolia	49.5	49%	0.54	24.26
2009	Heiyupao Phase I	NE	Jilin	49.5	49%	0.61	24.26
2010	Huadeng Phase I	N	Inner Mongolia	49.5	32%	0.54	15.84
2010	Huadeng Phase II	N	Inner Mongolia	49.5	32%	0.54	15.84
2010	Zhalute Phase II	N	Inner Mongolia	49.5	32%	0.54	15.84
2010	Zhalute Phase III	N	Inner Mongolia	49.5	32%	0.54	15.84
2010	Guazhou	NW	Gansu	201	51.5%	0.52	103.52
2011	Kailu	N	Inner Mongolia	49.5	32%	0.54	15.84
2011	Maniuhu	NE	Liaoning	49.5	30%	0.61	14.85
2011	Gulibengao	NE	Liaoning	49.5	30%	0.61	14.85
2013	Chaoyang Wanjia	NE	Liaoning	49.5	30%	0.61	14.85
2013	Guanshan	E	Anhui	48	49%	0.61	23.52
2013	Suzhou Fuli	E	Anhui	48	49%	0.61	23.52
2013	Jianghua	CS	Hunan	48	59%	0.61	28.32
2014	Zilingpu	CS	Hubei	48	59%	0.61	28.32
2014	Huolonggang	CS	Henan	49.5	59%	0.61	29.21
2014	Yantai Gaotuan	E	Shandong	48	49%	0.61	23.52
2016	Lingshan	E	Anhui	48	49%	0.61	23.52
2018	Shenzhagtang	CS	Hunan	48	25%	0.61	12
2018	Jingtang	CS	Hunan	48	25%	0.6	12
2019	Kailu Phase II	N	Inner Mongolia	50	32%	0.5	16
2019	Yushan Phase II	CS	Hubei	89	100%	0.57	43.6
2019	Zhaqi Phase IV	N	Inner Mongolia	50	32%	0.5	16
2020	Kailu Phase II	N	Inner Mongolia	200	32%	0.5	64.32

Subsidiary-owned Projects: 2,521MW attributable installed capacity

Year	Project	Regions	Province	Capacity (MW)	CNE's Stake	Tariff (RMB/kW·h)	Attributable Capacity
2015	Feixi	E	Anhui	34	100%	0.61	34
2016	Jiepai	CS	Hunan	48	100%	0.61	48
2016	Jiagou	E	Anhui	48	100%	0.61	48
2017	Wuhe	E	Anhui	48	100%	0.61	48
2017	Qiaotoupu	CS	Hunan	48	100%	0.61	48
2017	Hongtang	CS	Hunan	48	100%	0.61	48
2017	Jingmen	CS	Hubei	48	100%	0.61	48
2018	Yushan	CS	Hubei	48	100%	0.61	48
2018	Lixi	CS	Hubei	48	100%	0.6	48
2018	Jindashan	E	Anhui	50	100%	0.6	50
2019	Baimangying	CS	Hunan	48	100%	0.6	48
2019	Wulanhua D	NE	Jilin	49.5	100%	0.3731	49.5
2019	Wulanhua E	NE	Jilin	49.5	100%	0.3731	49.5
2019	Wulanhua F	NE	Jilin	49.5	100%	0.3731	49.5
2020	Mengzhuling	CS	Hunan	50	100%	0.6	50
2020	Yingshanmiaoyilan	CS	Henan	50	100%	0.6	50
2020	Yilan	NE	Heilongjiang	200	100%	0.374	200
2021	Binxian	NE	Heilongjiang	200	100%	0.374	200
2021	Fangzheng	NE	Heilongjiang	50	100%	0.374	50
2021	Guazhou	NW	Gansu	100	100%	0.3078	100
2021	Shiziling Phase I	CS	Guangxi	48	100%	0.4207	48
2021	Dongda	CS	Hunan	48	100%	0.45	48
2021	Fuxin Hailiban	NE	Liaoning	50	100%	0.3749	50
2021	Xinfu D	NE	Jilin	49.5	100%	0.3731	49.5
2021	Wuying	CS	Hubei	20	100%	0.52	20
2022	Shiziling Phase II	CS	Guangxi	42	100%	0.4207	42
2022	Shiziling Phase III	CS	Guangxi	48	100%	0.4207	48
2022	Chaoyang	NE	Liaoning	49.5	100%	0.3749	49.5
2022	Kaiyuan	SW	Yunnan	350	100%	0.3358	350
2022	Danfeng	SW	Yunnan	300	100%	0.3358	300
2022	Guazhou Phase II	NW	Gansu	100	100%	0.3078	100
2022	Huilong	CS	Hunan	21	100%	0.45	21
2022	Jinbi	CS	Hunan	30	100%	0.45	30
2022	Xiangbei I	CS	Hubei	100	51%	0.4161	51

PV Projects in Operation

451 MW-Attributable Capacity

Year	Projects	Region	Province /Country	Capacity (MW)	CNE Stake	Tariff (RMB/kW·h)	Attributable Capacity
Associates and JV Projects: 6.43 MW attributable installed capacity							
2015	Zhaer	N	Inner Mongolia	20	32.16%	0.95	6.43
Subsidiary-owned Projects: 444.22MW attributable installed capacity							
2012	Hawaii (Hoku)	—	USA	0.9	80%	USD 0.48 (2-3% increase/Y)	0.72
2013	Wisconsin (Jefferson)	—	USA	1	100%	USD 0.22 (1% increase/Y)	1
2014	Naidong	WS	Tibet	20	100%	1.15	20
2015	Indiana	—	USA	10	100%	USD 0.20	10.2
2015	Eryuan	WS	Yunnan	30	100%	0.95	30
2015	Yanyuan	WS	Sichuan	30	100%	0.95	30
2015	Rhode Island (Johnston)	—	USA	1.5	100%	USD 0.175	1.5
2015	Rhode Island (North kingstown)	—	USA	0.5	100%	USD 0.19	0.5
2016	Ohio (Minster)	—	USA	4.3	100%	USD 0.08 (2% increase/Y)	4.3
2017	Cuomei	WS	Tibet	20	100%	1.15	20
2017	Jiangzi	WS	Tibet	15	100%	1.15	15
2018	Haerbin	NE	Heilongjiang	1	100%	0.7012	1
2021	Xiangbei Agri-PV	CS	Hubei	100	100%	0.4161	100
2021	Xishui	CS	Hubei	40	100%	0.4161	40
2021	Dachaidan	NW	Qinghai	100	100%	0.2277	100
2022	Nandagang	N	Hebei	70	100%	0.3644	70



Thank You for Your Interest in CNE

www.cnegroup.com



Please feel free to contact us for any inquiries:

Joe Zhou
Vice President
Tel: 0086-15910682531,
0086-10-88317833
Email: zhouxl@cnegroup.com

Sally Yang
Assistant President
Tel: 0086-18611483561
0086-10-88314829
Email: yangyingl@cnegroup.com
