

## Conference Outline

<b>1 day prior to the Exhibition</b>	<b>16<sup>th</sup> Oct. Monday China National Convention Center (CNCC)</b>				
13:30-14:00	<b>Conference Opening (Ballroom A)</b>				
14:00-15:00	<b>Keynote Speeches</b> Conference Theme: The Digital Era of Wind Power				
15:00-15:15	<b>China Renewable Energy Outlook 2017 Report Release</b>				
15:30-17:00	<b>Entrepreneur Forum (I)</b>				
17:00-18:30	<b>Entrepreneur Forum (II)</b>				
18:30-19:00	<b>CWP Ten Year Celebration</b>				
19:00-21:00	<b>Conference Banquet (by invitation) (Room 311)</b>				
<b>1<sup>st</sup> Day of Exhibition</b>	<b>17<sup>th</sup> Oct. Tuesday China International Exhibition Center (New Venue)</b>				
09:30-09:45	Innovation Theater Opening Ceremony (E2 Exhibition Hall)				
09:45-11:50	Innovation Theater-Wind Power New Product Launch				
12:00-13:30	<b>Lunch</b>				
Room Number	<b>W105</b>	<b>W103</b>	<b>W102</b>	<b>W104</b>	<b>E2 Exhibition Hall</b>
13:30-15:00	International Market Forum (I): Doing Business in Emerging Markets	Wind Turbine Technology (I)	Offshore Wind Technology (I)	Safety Issues in Wind Farm (I) (13:30-14:50)	Innovation Theater-Wind Power New Product Launch (13:30-16:30)
15:00-15:30	<b>Coffee Break</b>				
15:30-17:30	International Market Forum (II): Investment Opportunities in Mature Markets	Wind Turbine Technology (II)	Offshore Wind Technology (II)	Safety Issues in Wind Farm (II) (15:00-16:30)	
<b>2<sup>nd</sup> Day of Exhibition</b>	<b>18<sup>th</sup> Oct. Wednesday China International Exhibition Center (New Venue)</b>				
Room Number	<b>W201</b>	<b>W105</b>	<b>W102</b>	<b>W103</b>	<b>W101</b>
09:00-10:30	CTO Forum (I): Global Wind Technology Outlook	Investment & Financing Forum of Renewable Energy Industry (I)	Longer and Bigger Blade Design and Utilization (I)	Wind Farm Micro Siting (I)	Distributed Wind Technology and Micro Grid (I)
10:30-11:00	Coffee Break				

11:00-12:30	CTO Forum (II): Future Trend of Advanced Technologies	Investment & Financing Forum of Renewable Energy Industry (II)	Longer and Bigger Blade Design and Utilization (II)	Wind Farm Micro Siting (II)	Distributed Wind Technology and Micro Grid (II)
12:30-13:30	<b>Lunch</b>				
Room Number	<b>W201</b>	<b>W105</b>	<b>W102</b>	<b>W103</b>	<b>W101</b>
13:30-15:00	Renewable Energy in Digitalization Era: RE and Energy Internet (I)	Green Certificate Forum: Sino-Europe Experience Exchange (I)	O&M: Smart Technologies and Implications (I)	Wind Offshore Technology (III)	2017 Small and Medium Wind Energy Equipment Conference (I)
15:00-15:30	Coffee Break				
15:30-17:30	Renewable Energy in Digitalization Era: RE and Energy Internet(II)	Green Certificate Forum: Sino-Europe Experience Exchange (II)	O&M: Smart Technologies and Implications (II)	Wind Offshore Technology (IV)	2017 Small and Medium Wind Energy Equipment Conference (II)
<b>3<sup>rd</sup> Day of Exhibition</b>	<b>19<sup>th</sup> Oct. Thursday China International Exhibition Center (New Venue)</b>				
Room Number	<b>W105</b>		<b>W103</b>		
09:00-10:30	Upgrade of Wind Turbine and Wind Farms in Service (I)		Applications of UAV & Robot in Maintenance (I)		
10:30-11:00	Coffee Break				
11:00-12:30	Upgrade of Wind Turbine and Wind Farms in Service (II)		Applications of UAV & Robot in Maintenance (II)		
12:30-13:30	<b>Lunch</b>				

# Conference Agenda

**1 day Prior to Exhibition**

**16<sup>th</sup>. Oct. Monday China National Convention Center (CNCC)**

**13:30-14:00 Conference Opening (Ballroom A)**

**Moderator: Qin Haiyan, Chinese Wind Energy Association (CWEA), Secretary General**

**Welcome Addresses:**

1. Welcome address from the organizer;
2. Welcome address from government representatives;
3. Welcome address from representatives of foreign embassies;
4. Welcome address from industry representatives.

**14:00-15:00 Keynote Speeches**

**Moderator: Qi Hesheng, Secretary General of Chinese Renewable Energy Society, Secretary General (CRES),  
Chinese Wind Energy Equipment Association (CWEEA)**

Presentation	Speakers
Global Wind Energy Development Update	Steve Sawyer, Global Wind Energy Council, Secretary General
Seize Strategic Opportunities, Be Committed to Innovative Development, Accelerate the Construction of World First Class Clean Energy Group	Bi Yaxiong, Vice President of China Three Gorges Corporation
The Wind Power Industry Development in the Digital Era	Wu Gang, Former Vice Chairman of WWEA , Deputy to National People's Congress, President of Xinjiang Goldwind Science &Technology Co., Ltd.
The Practice of High Proportion Renewable Energy: Denmark's Successful Experience	Stig Uffe Pedersen, Danish Energy Agency, Deputy Director General
Renewables 2017-Market Analysis and Forecasts to 2022	Heymi Bahar, IEA, Analyst

**15:00-15:15 China Renewable Energy Outlook 2017 Report Release**

**15:15-15:30 Coffee Break**

**15:30-17:00 Entrepreneur Forum(I)**

**Moderator: Li Junfeng, National Center for Climate Change Strategy and International Cooperation (NCSC),  
Former Director General**

Discussion Topics	Panelists
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<p>Current status of China's wind power industry development and future prospects; How to increase the green certificate market; How to curb the curtailment issue; Development prospects for low wind speed power and distributed wind power; Grid parity issues and bottleneck; Future technological innovation direction, etc.</p>	<ol style="list-style-type: none"> <li>1. Dong Xiufen, China Three Gorges Corporation Offshore Wind Department, Vice Director</li> <li>2. China Datang Corporation Renewable Power Co., Limited</li> <li>3. Jiang Liping, State Grid Energy Research Institute, Vice President</li> <li>4. Chu Jingchun, Guodian United Power Technology Company Ltd., President</li> <li>5. Jin Xiaolong, Shanghai Electric Wind Power Co., Limited, President</li> <li>6. Wang Manchang, CSIC, General Manager</li> <li>7. Chen Jun, Dongfang Electric Wind Power Co., Ltd., General Manager</li> <li>8. Yang Zhenyu, Zhejiang Windey Co., Ltd., President</li> <li>9. Ma Zhong, Sinovel Wind Group Co., Ltd., President &amp; CEO</li> <li>10. Johnny Thomsen, Vestas Wind Systems A/S SVP, Product Management</li> <li>11. Jens Olsen, Siemens Gamesa Renewable Energy, Senior VP APAC</li> </ol>
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**17:00-18:30 Entrepreneur Forum (II)**  
**Moderator: Qin Haiyan, Chinese Wind Energy Association, Secretary General**

Discussion Topics	Panelists
<p>Current status of China's wind power industry development and future prospects; How to increase the green certificate market; How to curb the curtailment issue; Development prospects for low wind speed power and distributed wind power; Grid parity issues and bottleneck; Future technological innovation direction, etc.</p>	<ol style="list-style-type: none"> <li>1. China Longyuan Power Group Corporation Limited</li> <li>2. Liu Luping, CGN New Energy Holdings Co., Ltd., Senior Vice CEO &amp; CTO</li> <li>3. Guohua Energy Investment Co., Ltd.</li> <li>4. Wang Xiaohai, Inner Mongolia Power (Group) Limited, Chief Engineer</li> <li>5. Wang Haibo, Xinjiang Goldwind Science &amp; Technology Co., Ltd., CEO</li> <li>6. Tian Qingjun, Envision Energy (Jiangsu) Co., Ltd., Vice President</li> <li>7. Shen Zhongmin, Ming Yang Smart Energy Group Co., Ltd., Vice President</li> <li>8. Chen Yuezhi, XEMC, General Manager</li> <li>9. GE Renewable Energy</li> </ol>

**18:30-19:00 CWP Ten Year Celebration (Ballroom A)**

**19:00-21:00 Conference Banquet (Room 311)**  
**Moderator: Qi Hesheng, Secretary General of Chinese Renewable Energy Society, Secretary General (CRES), Chinese Wind Energy Equipment Association (CWEEA)**

**Day 1**  
**17<sup>th</sup> Oct. Tuesday China International Exhibition Center (New Venue)**

**09:30-17:30 Innovation Theatre-New Product Launch**  
**Moderator: Li Dan, Executive Deputy Secretary General, Chinese Renewable Energy Industries Association (CREIA)**

Time	Presentation	Speakers
09:30-09:45	Opening Speech	Qin Haiyan, Chinese Wind Energy Association, Secretary-General
<b>New Products Launch</b>		
09:45-09:55	"Mastering Core Technology, Leading the Industry Progress" CSIS Haizhuang Windpower Co., Ltd.	
10:00-10:20	"New Generation of Lubrication for Gearbox: Shell's S5 Wind Product Launch Meeting" Shell (China) Limited	
10:20-10:40	"What Defines Smart Wind Turbine?" Envision Energy (Jiangsu) Co., Ltd.	
10:40-11:20	"Offshore wind power-the evolution continues" Shanghai Electric Wind Power Group Ltd.	
11:20-11:50	"Using Digitalization to Reduce the Cost of Wind Energy" Edward Wagner, Sentient Science, Chief Digital Officer	
<b>12:00-13:30 Lunch</b>		
13:30-15:00	Goldwind 6 X Offshore Platform and Integrated Solution Press Conference (Invitation only) Xinjiang Goldwind Science & Technology Co., Ltd.	
15:15-15:45	Ming Yang Smart Energy Group Co., Ltd	
16:00-16:30	Zhejiang Windey Co., Ltd	
<b>13:30-15:00 International Market Forum (I): Doing Business in Emerging Markets (W105)</b> <b>Moderator: Zhao Feng, FTI Consulting, Director of Wind Energy</b>		
<b>Presentation</b>		<b>Speakers</b>
Renewable Energy Development Prospect and Investment Opportunities in Argentina		Leonardo Barraga, Ventus, Sales Director
Investment Opportunities in Renewable Energy Sector in Mexico		Felipe de Jesús García Aguayo, ProMéxico, Commercial Counselor
International Wind Power Market Outlook		Andreas Dupuis, Goldwind International (Hong Kong) Holdings Ltd., Vice General Manager
Kazakhstan Wind Energy Market		Wang Yun, ERG (China), CEO
<b>15:00-15:30 Coffee Break</b>		
<b>15:30-17:30 International Market Forum (II): Investment Opportunities in Mature Markets (W105)</b> <b>Moderator: Steve Sawyer, Global Wind Energy Council, Secretary General</b>		
<b>Presentation</b>		<b>Speakers</b>
Globalizing Offshore Wind: Opportunities for UK-China Collaboration		Catriona Knox, British Embassy, Commercial Counselor for Energy

Cost Reduction Experience in Denmark and Offshore Investment Opportunity	Rasmus Bjørnø, Invest in Denmark, Director of Asia Pacific
Investment in Overseas Markets and Experiences on Risk Management	Chen Ning, Goldwind International (Hong Kong) Holdings Ltd., Vice General Manager
Dutch Tender System and Opportunities	Ruud de Bruijne, Netherlands Enterprise Agency, project leader offshore wind energy
Wind Power Development in Germany-Technical Challenges and Investment Opportunities	Gerhard GERDES, Deutsche Windguard, CEO Andreas DUBOIS, GE-CON, CEO/Senior Advisor of CEPRI
<b>13:30-15:00 Wind Turbine Technology (I) (W103)</b>	
<b>Moderator: Sun Peng, Huadian Fuxin Energy Limited Company, Investment Planning Department, Deputy Director</b>	
Presentation	Speakers
Wind Farm Design Based on Multiple Objectives	Li Jingyang, Xinjiang Goldwind, Science & Technology Co., Ltd, Senior Manager for Digital Products
Wind Power Trend Study	Zhang Kai, CSIC Haizhuang Windpower Co., Ltd., Vice Director of the Research Institute
Increase the Efficiency and Reliability of Wind Turbine Through Turbine Design	Yan Jiaming, Vestas Wind Systems A/S, Technology Department, Manager
Soft-soft High Towers Constraints for Traditional Wind Turbine Controllers	Shi Xiujuan, Siemens Gamesa Renewable Energy (China), Asian Pacific Area, Engineer Department, Project Technology Manager
<b>15:00-15:30 Coffee Break</b>	
<b>15:30-17:30 Wind Turbine Technology (II) (W103)</b>	
<b>Moderator: Sun Peng, Huadian Fuxin Energy Limited Company, Investment Planning Department, Deputy Director</b>	
Presentation	Speaker
Wind Turbine Power Curve Platform	Fu Pengcheng, China General Certificate, Senior Engineer/Power Curve Product Manager
Low wind speed turbine platform and control system	Zhang Tingyu, GE Renewables, Onshore Wind Power Engineering Manager
Experiences on Onshore Wind Turbine Towers with Large Hub Heights	Martin Jespersen, Chief Consultant, Offshore Wind-Copenhagen, Ramboll
High Tower Technology for Low Wind Area	Sun Shuwei, Vestas Wind Systems A/S, Technology Department, Manager
Field Experience with Synchronous Wind Turbines in new Zealand and Scotland: how fault current contributes to system stability, and why inertia is needed for stability	Geoff Henderson, WINDFLOW, CEO
<b>13:30-15:00 Offshore Wind Technology (I) (W102)</b>	
<b>Moderator: Zhou Zhigang, China Guangdong Nuclear, General Manager of O&amp;M Division</b>	

<b>Presentation</b>	<b>Speakers</b>
Netherland Offshore Wind Policy and Cost Reduction Experiences	Rene Moor, Ministry of Economic Affairs Netherland, Program Manager Offshore Wind Energy
Solid Foundations for Offshore Wind Farms in Challenging Ground Conditions-MHWirth's Reverse Circulation Drilling Technology	Willi Schmitz, MHWirth AS, Senior Sales Manager RC Drilling
Seismic and Ice loading – challenges for optimal offshore wind structures	Santiago Paredes-Pinzón, Head of Department-Offshore Wind Copenhagen, Ramboll
Hywind-expanding the reach of offshore wind	Rajnish Sharma, Statoil ASA, Technology Director-wind & low carbon solutions
<b>15:00-15:30 Coffee Break</b>	
<b>15:30-17:30 Offshore Wind Technology (II) (W102)</b> <b>Moderator: Zhou Zhigang, China Guangdong Nuclear, General Manager of O&amp;M Division</b>	
<b>Presentation</b>	<b>Speakers</b>
Integrated Solutions to Offshore Wind Development	Zhai Endi, Goldwind, Science & Technology Co., Ltd., Chief Engineer
Floating Foundation Technical Characteristics and Engineering Design	Fan Huiqu, Ciel and Terre, Chief Engineer
Off-shore technical risk assessment and T&V-European approach	Peter Thorsted, Envision Energy (Jiangsu) Co., Ltd., Head of Offshore Business
Typhoon Analysis in Wind Energy Production Assessment	Wu Di, Ming Yang Smart Energy Group Co., Ltd., Design Institute, Director Assistant
Dutch Offshore Wind Supply Chain	Arjan Schutten, Holland Home of Wind Energy (HHWE), Managing Director
<b>13:30-14:50 Safety Issues in Wind Farm (I) (W104)</b> <b>Co-Organizer: Global Wind Organization</b>	
<b>Presentation</b>	<b>Speakers</b>
Safety Precautions of Wind Turbine in the Electrical Maintenance	Wang Jianguo, Suzhou Longyuan Bailu Wind Power Vocational Training Center Co., Ltd., Vice-general Manager
The overall solution of offshore wind power safety training	Shi Jun, Xinjiang Goldwind Science&Technology Co., Ltd., offshore wind research and development department, Director
Training Compliance in a Global Environment	Uwe Sarrazin, GE Renewable Energy, Director Global Learning
Prevent Falling Objects	Zhou Shaohui, Vestas Wind Systems A/S, QSE Manager
<b>14:50-15:00 Coffee Break</b>	
<b>15:00-16:30 Safety Issues in Wind Farm (II) (W104)</b> <b>Co-Organizer: Global Wind Organization</b>	

Presentation	Speakers
How CGC can help Training Providers become certified in China	YANG Hongyuan, Deputy Manager of Wind Power Certification Department, China General Certification
Helicopter Rescue in Offshore Wind	CAO Shaohua, Senior EHS Manager Envision
Introduction of GWO	Jakob Lau Holst, CEO, GWO
Offshore Wind Security Risk Control	WANG Haiying, Head of Safety and Environment Protection Department, Shanghai Electric
Q&A	



**Day 2****18<sup>th</sup> Oct. Wednesday China International Exhibition Center (New Venue)****09:00-10:30 CTO Forum(I): Global Wind Technology Outlook (W201)****Moderator: Zhang Wenzhong, Huadian Fuxin Energy Limited Company, Vice Chief Engineer**

<b>Presentation</b>	<b>Speakers</b>
Hug future Energy	Wu Kai, Goldwind, Science & Technology Co., Ltd., Executive Vice President
Ten Global Energy Trends and Their Impacts on Wind	David Hostert, BNEF, Head of Wind Research
Wind 2030 Outlook	Johnny Thomsen, Vestas Wind Systems A/S, SVP, Product Management
Wind Revolution Under Energy Revolution	Miao Jun, Shanghai Electric Wind Power Group, Vice President

**10:30-11:00 Coffee Break****11:00-12:30 CTO Forum(II): Future Trend of Advanced Technologies (W201)****Moderator: Jiao Jianqing, China Datang Corporation Renewable Power Co., Ltd., Vice General Manager**

<b>Presentation</b>	<b>Speakers</b>
Wind Forecast Technology	Energinet, Denmark, CEO
Constant Break Through in RE Development by the Innovation of Technology and Philosophy	Zhang Qiyang, Ming Yang Smart Energy Co., Ltd., CEO&CTO
Discussion on the Trend of Intelligent Development of Wind Farm from the Perspective of Smart Wind Farm	Pei Bo, Envision Energy (Jiangsu) Co., Ltd., Smart Wind Farm Product Director
Wind Power Leading Edge Technology Discussion	Han Huali, CSIS Haizhuang Windpower Co., Ltd., President of the Research Institute

**Shared with PVCEC2017****09:00-10:30 Investment & Financing Forum of Renewable Energy Industry (I) (W105)**

<b>Presentation</b>	<b>Speakers</b>
TBD	Lv Lin, Energy Specialist, Energy Division, East Asia Department, Asian Development Bank
The Development and Outlook of Energy Financing in China	Xu Hongfeng, Assistant Dean, International Institute of Green Finance, CUFU
Energy Internet & New Energy Investment	Deng Jianqing, Chairman, East Environment Energy
Profitability of Solar PV	Michael Eckhart, Managing Director

**10:30-11:00 Coffee Break****Shared with PVCEC2017****11:00-12:30 Investment & Financing Forum of Renewable Energy Industry (II) (W105)**

Innovation in Green PV Investment and Financing	Dr. Chen Yang, Executive Director of Investment Department, U.S.-China Green Fund
Industrial Bank's Green Financing Practice & Discovery of PV Industry	Yan Kunpeng, Leading Officer, Senior Research Fellow, Ministry of Environmental Finance, Headquarters of Industrial Bank Co., Ltd.

Financing & Investment Analysis of PV Industry in China	Peng Peng, Director of Policy Research, Chinese Renewable Energy Industries Association
<b>09:00-10:30 Longer and Bigger Blade Design and Utilization (I) (W102)</b> <b>Moderator: Chen Chun, Sinoma Wind Power Blade Co., Ltd., Deputy General Manager</b>	
Presentation	Speakers
Offshore Turbine Blade Design and Exploration	Zhu Yu, Goldwind, Science & Technology Co., Ltd., Blade Engineer Center, Vice General Manager
Offshore Wind Blade Design Technology and Development	Li Chengliang, Sinoma Wind Power Blade Co., Ltd.
Large Blade Design for Low Wind Speed Wind Turbine: Impact Analysis	Wang Lei, CRRC ZHUZHOU INSTITUTE Co., Ltd., Chief Designer
Adaptive Blade Design, A case study for low density	Edo Kuipers, We4Ce, Co-owner and Manager Engineering
<b>10:30-11:00 Coffee Break</b>	
<b>11:00-12:30 Longer and Bigger Blade Design and Utilization (II) (W102)</b> <b>Moderator: Tian Ye, Meize Energy Industries, CTO</b>	
Presentation	Speakers
Problems Caused by Larger Wind Power Blades	Wu Shengjun, Luoyang Sunrui Wind Turbine Blade Co., LTD, Deputy Director of Research and Development Department
The Blade Design of Low Speed Wind Farm in Mountain Areas	Zhou Xiaoliang, Zhejiang Windey Co., Ltd., Director of Blade Development Center
A New Generation Structural Adhesive for Longer and Bigger Wind Blade	Gu Mingquan, Shanghai Kangda Chemical Co., Ltd., Technical Director for Wind Blade Bonding
Innovative Polyurethane Resin to Promote the Development of Wind Power Blades	Guo Songqiang, Covestro China Co., Ltd., Wind Power Market Director
<b>09:00-10:30 Wind Farm Micro Siting (I) (W103)</b> <b>Moderator: Zhu Rong, National Meteorology Bureau, Researcher</b>	
Presentation	Speakers
Use of Drone, Spatial Analysis and GoldFoam Platform for Micro Siting	Chen Fei, Goldwind, Science & Technology Co., Ltd., Engineer for Wind Recourses
The Influence of Wind Turbine Generator Selection by Wind Resource and the Micro-siting	Pang Tianyu, Envision Energy (Jiangsu) Co., Ltd., Solution Project Manager
Power Curve and Reliability Study	Wang Siteng, Vestas Wind Systems A/S, Head of Micro Siting Department
Wind Farm Design in Complex Terrain: the FarmOpt Methodology	Ju Feng, Technical University of Denmark, Department of Wind Energy, Researcher
Research on the Innovative Application of Micrositing Technology Based on Myfoam Platform	Liu Feihong, MingYang Smart Energy Group Co., Ltd., CFD Engineer
<b>10:30-11:00 Coffee Break</b>	

**11:00-12:30 Wind Farm Micro Siting (II) (W103)****Moderator: Liu Lin, Longyuan (Beijing) Wind Power Engineering and Consulting Co., LTD, Vice General Manager**

<b>Presentation</b>	<b>Speakers</b>
EU Perspectives on the Future of Cloud-based Wind & Site Engineering	Karim Fahssi, aZiUgo (France) Holding(former MeteoPole Zephy-Science), Co-Founder
Digital Wind Resource Assessment Benefits Micro-siting for Low Wind Speed Wind Farms	Liang Shanshan, GE Renewables Energy, Onshore Wind, Wind Farm Engineering, Manager
The Research and Analysis on the Power Generation of Wind Farm by Mixing Wind Turbines	Zhai Chuanmei, TBEA Xinjiang Sunoasis Co., Ltd., Wind Power Engineering Division, Chief Engineer
Notable Cases of Micro-Siting	Hu Qin, XEMC, Chief Wind Recourses Analyst
WinDexC Pro-Introduction of Domestic Software for Wind Resource Evaluation Based on Mesoscale&Microscale Coupling Numerical Simulation	Wang Dongguang, Beijing Huafeng Chaoyue Technology Co., Ltd., Deputy General Manager

**09:00-10:30 Distributed Wind Technology and Micro Grid (I) (W101)****Moderator: Zhang Xiaozhao, Huaneng Renewables Corporation Limited, General Manager Assistant**

<b>Presentation</b>	<b>Speakers</b>
The Solution to Distributed Wind Power	Ye Fan, Ming Yang Smart Energy Group Co., Ltd., Wind Design Institute director
Wisdom Energy Efficiency Solution	Gu Yanhui, Beijing Etechwin Electric Co., Ltd., Vice Chief Engineer
Distributed Wind Power Technology: in the context of China's environment	Yong Bing, CSIC Haizhuang Windpower Co., Ltd., Senior Engineer
Total solution of EPC for distributed wind power project	Fang Shuhua, Beijing Tianyuan New Energy Co., Ltd., Vice General Manager

**10:30-11:00 Coffee Break****11:00-12:30 Distributed Wind Technology and Micro Grid (II) (W101)****Moderator: Zhang Xiaozhao, Huaneng Renewables Corporation Limited, General Manager Assistant**

<b>Presentation</b>	<b>Speakers</b>
Applications of Smart Energy Technology Based on Big Data and Multi-Energy Complement Technologies	Liu Bing, Ming Yang Smart Energy Group Co., Ltd., Model Algorithm Engineer
Application and Practice of Multi-energy Complement Style Regional Clean Energy Internet	Ma Qianli, Guodian Nanjing Nanzi Automation Co., Ltd., Product Management Center, General Manager
Medium-pressure Wind Turbine in Distributed Wind Projects	Zhang Xuan, Envision Energy (Jiangsu) Co., Ltd., Turbine Product Director
Solutions to Facilitate the Grid Connection of Distributed Wind Projects	Yu Jiangtao, Beijing Jieyuan Investment Co., Ltd., General Manager

Analysis of Reliable Medium-size Wind Turbine for Distributed and Micro Grid Application	Gou Luhai, GeneMic Greentech Tianjin Co., Ltd., Vice General Manager
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**Shared with PVCEC2017**  
**13:30-17:30 The Development Tendency of Renewable Energy in Context of Digital Era (W201)**  
**Moderator: HE Jijiang, Director of Policy Research Center, Institute of Energy Internet Innovation (IEII), Tsinghua University**

Presentation	Speakers
The policy and status of China energy internet market	Global Energy Interconnection Development & Cooperation Organization
Improving the efficiency of energy system&The enhancement of energy security	Zeng Rong, Director of Department of Electrical Engineering, Tsinghua University, President of Institute of Energy Internet Innovation (IEII), Tsinghua University
The outlook of business ecosystem of China energy internet	Accenture
The application of digital technology in wind farm management	Wang Qile, Director of Big Data Analysis Center, China Cenpower Energy Co., Ltd., China Longyuan Power Group
Big data solution for the development of renewable energy	Dr. Xu Hailong, General Manager of Green Horizon, IBM
Innovation Leads Future Energy-the Digital Technology Support the Renewable Energy's Transition	LI Furong, General Manager Assistant of R&D Center, GoldWind
Smart network, connecting global renewable energy	Yu Haifeng, Vice President, Software Technology, Envision Energy Technology Co., Ltd.
Industrial Internet: Achieve the energy interconnection via the revolution of assets management	Jay Cao, GE
The Siemen's energy solution of smart city & park	Zhou Jin, Manager of Renewable Energy Department, Siemens
PV Smart Energy and Energy Internet	Yang Jincheng, General Manager of Energy Internet Business Unit, Trina Solar
Energy internet & DSM under the new situation	Zeng Weisheng, Vice President of Network Energy Product Line, HUAWEI Technologies Co., Ltd.

**Shared with PVCEC2017**  
**13:30-17:30 Chinese Green Electricity Certificates Forum (W105)**

Presentation	Speakers
Current Situation of Popularization Green Electricity Certificates	Dr. Ai Lin, Nation Renewable Energy Information Management Center, CREEL
Analysis of Quota System Policy	Ren Dongming, China National Renewable Energy Center
Ideas & Recommendation of Popularization Green Electricity Certificates of Developers	Yingli Group
Green Electricity Certificates & Corporate Responsibility	Hou Yuhan, Chairman Assistant &Marketing Director, Goldwind

Evaluation of Green Electricity Consumption	Yang Xiaoshan, Vice General Manager, Low Carbon & Energy Efficiency Dept., China General Certification Center
The New Data Center of Apple Inc. has powered by 100% Renewable Energy	Merisha Enoe, Apple Inc.
Practice of green and low-carbon development of Air Liquide in energy transition	Kan Yuwei, Air Liquide
Electricity Consumer's recommendation of Popularization Green Electricity Certificates	Gong Xu, Johnson Controls
Sourcing Green Power-Beyond Solar for Internal Use	Sebastian Meyer, Vice President Strategy Power Markets, UPC renewables
<b>16:10-17:30 Panel Discussion</b>	
<ol style="list-style-type: none"> <li>The Reason of Effect Below Expectation of Substituting subsidy with European Green Electricity Certificates</li> <li>Referential Experience of European Green Electricity Certificates Market</li> <li>Future Trend of China Green Electricity Certificates Market</li> </ol>	
<b>13:30-15:00 O&amp;M: Smart Technologies and Implications (I) (W102)</b>	
<b>Moderator: Zhou Weihua, Guohua Energy Investment Limited Company, Production Department, Deputy General Manager</b>	
<b>Presentation</b>	<b>Speakers</b>
Wind Farm O&M Management in Perspective of Asset Management	Hu Jiang, Beijing Tianrun New Energy Investment Co., Ltd., Vice General Manager
Diagnose Technology and Its Implication	Joris Mazille, Siemens-Gamesa Renewable Energy, Service Department Director, Asia Pacific
Plant Power Curves	Daniel W. Bernadett, UL, Head of RE Power Curve Testing
Application of WT Health Management System	Han Dehai, CRRC Institute Co., Ltd., Team Lead, Data Analyst
Sinovel's Smart Wind Farm Maintenance Solution	Wang Feng, Sinovel, Vice President of Design Institute
<b>15:00-15:30 Coffee Break</b>	
<b>15:30-17:30 O&amp;M: Smart Technologies and Implications (II) (W102)</b>	
<b>Moderator: Yue Junhong, Longyuan, Deputy Director of Manufacture and Operation</b>	
<b>Presentation</b>	<b>Speakers</b>
Innovation Leads Future Energy-Facilitating Wind Power Smart Operation O2O	Xulei, Goldwind Huineng, Marketing Director
Fault Prognostics and Health Management Technology of Wind Turbine	Sun Qitao, Ming Yang Smart Energy Group Co., Ltd., Minister of Data Analysis
Distributed Platform and ABC Technology in the Integrated Offshore Operation and Maintenance	Huang Meng, Shanghai Electric Wind Power, Smart Center Director
Smart Wind Farm Maintenance: Use of Maintenance Package	Yang Kai, Vestas Wind Systems A/S, Service Department Manager

Maintenance Service 2.0-Facilitate Higher Performance of Wind Turbine	Zhou Siyuan, Shell(China) Ltd., Asia-Pac Product Application Specialist
Fault Prediction and Maintenance in Wind Farm Management	Duan Zhiqiang, CRRC Yong Ji Electric Co., Ltd., Senior Engineer
<b>13:30-15:00 Offshore Wind Technology (III) (W103)</b>	
<b>Moderator: Liu Ruiqing, Concord New Energy Co., Ltd., Assistant President</b>	
<b>Presentation</b>	<b>Speakers</b>
Technical Issues in Big Offshore Turbine	Lin Wei, GE Renewable Energy, Offshore Wind Engineer Project Manager
Direct Drive Implications in Offshore Turbine: Key Technologies and Development Trend	Qin Bencai, Shanghai Electric Wind Power, Product Design Center, Generator Chief Engineer
The Development Trend of Offshore Turbine	Zhang Haiya, CSIC Haizhuang Windpower Co., Ltd., Marketing Director
The XEMC-Windpower Islanding system	Kees Versteegh, XEMC Darwind CTO
<b>15:00-15:30 Coffee Break</b>	
<b>15:30-17:30 Offshore Wind Technology (IV) (W103)</b>	
<b>Moderator: Liu Ruiqing, Concord New Energy Co., Ltd., Assistant President</b>	
<b>Presentation</b>	<b>Speakers</b>
Offshore Foundation Design Trend	Hakim Mouslim, INNOSEA, CEO
Offshore: What Drives Accuracy in Preconstruction Energy Assessments.	Benoit Nguyen, DNV GL, Head of Section, Renewables Advisory, CTC Singapore
5.0MW-10MW Research and Practice of Offshore Pitch System	Jiang Xianping, SSB Wind Energy Technology (Qingdao)Co., Ltd., General Manager
ABB converter in China Offshore Wind	Hu Jie, ABB Beijing Drive System Co., Ltd., Segment Manager
Matching Analysis of Offshore Wind Turbines and Converters	Zhou Jianjie, Sungrow, Market Technology Department Manager
<b>13:30-17:30 2017 Small and Medium Wind Energy Equipment Conference (W101)</b>	
<b>Moderator: Lv Qingyuan, Chinese Wind Energy Equipment Association (CWEEA), Vice Secretary General</b>	
Discussion Topics :	
1. Development trend and existing problems of Small and Medium wind turbine;	
2. Experience on international certification and testing of small and medium wind turbines;	
3. Standard of small and medium wind turbines in China;	
4. Utilization of small and medium wind turbine in distributed wind development and micro grid;	

5. 2017 Annual Work Summary of China's Small and Medium Wind Energy Equipment Industry.

**Day 3****19<sup>th</sup> Oct. Thursday China International Exhibition Center (New Venue)****09:00-10:30 Upgrade of Wind Turbine and Wind Farms in Service (I) (W105)****Moderator: Du Guangping, Chief Engineer of China General Certification Center**

<b>Presentation</b>	<b>Speakers</b>
Case Study on Energy Production Optimization Plan and Operation Performance Analysis	Peng Ming, Guangdong Wind Power Development Co., Ltd., Senior Engineer
Tailor Made Personalized Wind Turbine Design, Facilitating Wind Farm Safely and Efficiently Operation	Tian Feng, Beijing Jinfeng Huineng Technical Co., Ltd., General Manager of Service Product Line
Optimization of Wind Turbine In Service: Research and Demonstration	Xin Kefeng, Datang Renewable Power Test and Research Institute, Party Secretary and Vice-president
Grid Features Retrofit of Wind Turbines-A Case Study	Wan Yubin, CRRC ZHUZHOU INSTITUE CO., Ltd., Technology Center, Deputy Director
Comprehensive Solution to Improve Quality and Efficiency of Wind Turbines in Low Speed and Complex Mountainous Areas	Xu Ke, XEMC WINDPOWER CO., LTD., PSA

**10:30-11:00 Coffee Break****11:00-12:30 Upgrade of Wind Turbine and Wind Farms in Service (II) (W105)****Moderator: Chen Danghui, Beijing Huizhi Tianhua Science and Technology Corporation, General Manager**

<b>Presentation</b>	<b>Speakers</b>
Low Capacity Turbine Upgrade: Research and Application	Doctor Fu Lingkun, Windey, Director of Assessment Center
Online Intelligent Prognostic Health Monitoring for Wind Turbines Based on Big Data System	Yang Yanni, CSIC Haizhuang Windpower Co., Ltd., Big Data Institute, Deputy Director
Wind Turbine Technique Upgrade and Power/efficiency Improvement	Mr. Michael Lange, Head of Section Rotor-Blade TUV NORD
Increasing Turbine Efficiency by Blade Optimization	Dirk Jan Kootstra, Pontis Engineering, Director&Co-Founder
The Overall Solution of Production Increase	Gao Yuansheng, Dongfang Electric Wind Power Co., LTD. Senior Engineer

Discussion Topics :

1. Technical problems and risks of the technical innovation of Wind Turbine Generator System;
2. Future prospect of the technical renovation & efficiency improvement of Wind Turbine Generator System?

**09:00-10:30 CWP/PVCEC Sharing Forum**



<b>Applications of UAVs &amp; Robot in Wind Power Farms &amp; Photovoltaic Power Stations Forum (W103)</b>	
<b>Presentation</b>	<b>Speakers</b>
Demand and Outlook for UAVs Standards	Zhang Ping, Standardization Working Group 13 on Special Task Robots of Standardization Administration of China
Detection of Wind Turbine Blade by UAVs	Wang Dong, Zhong Neng Power-Tech Development Co., Ltd.
Digital Inspection of Leaf and Lifecycle Management	Ke Yan, Shanghai Clobotics Co., Ltd.
Application of UAVs in Wind Power Industry	Gao He, Shenzhen DJI-Innovations Co., Ltd.
<b>10:30-10:55 Coffee Break</b>	
<b>10:55-12:15 CWP/PVCEC Sharing Forum</b>	
<b>Applications of UAVs &amp; Robot in Wind Power Farms &amp; Photovoltaic Power Stations Forum (W103)</b>	
Application of UAVs in lifecycle of PV	Sun Yunlin, Institute of Solar Energy, Sun Yat-sen University, Shunde
Benefits of UAVs Testing and Certification	Na Mingliang, China General Certification Center
Status and Prospects of UAVs Insurance	PICC Property and Casualty Co., Ltd.