

# CHINA WIND POWER 2016

October 19-21, 2016, NEW CIEC

Making Energy Transition Happen—Means, Measures and More



## Conference Program

18 <sup>th</sup> October, Tuesday (Day 1)													
China National Conference Center, Functional Room B+C													
13:30-14:30	<b>Conference Opening</b> <b>Moderator: Qin Haiyan, Chinese Wind Energy Association (CWEA), Secretary General</b>												
	<ol style="list-style-type: none"> <li>1. Welcome Address: <b>Yao Xingjia</b>, Chinese Wind Energy Association (CWEA), President</li> <li>2. Opening Address: Leaders from Chinese and Foreign Related Government Departments</li> <li>3. Welcome Address: <b>Li Junfeng</b>, National Center for Climate Change Strategy and International Cooperation (NCSC), Director</li> <li>4. Welcome Address: <b>Morten Dyrholm</b>, Global Wind Energy Council (GWEC), Chairman</li> <li>5. Welcome Address: <b>Yang Xiaosheng</b>, China Wind Energy Equipment Association (CWEEA), Chairman</li> </ol>												
14:30-16:30	<b>Conference Plenary</b> <b>Moderator: Yao Xingjia, Chinese Wind Energy Association, President</b>												
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Topic</th> <th style="width: 50%; text-align: center;">Guest Speaker</th> </tr> </thead> <tbody> <tr> <td>Understanding the 13<sup>th</sup> Five Year Plan and Its Impacts on Wind Industry</td> <td>National Energy Administration</td> </tr> <tr> <td>Wind R&amp;D, the Technology Innovation Under 13<sup>th</sup> Five Year Plan</td> <td>Ministry of Science and Technology</td> </tr> <tr> <td>Wind, Energy Revolution and Supply Side Reform</td> <td>Wang Zhongying, China National Renewable Energy Centre, Director</td> </tr> <tr> <td>IEA Mid Term and Long Term Renewable Energy Outlook</td> <td>Paul Simons, IEA, Deputy Executive Director</td> </tr> <tr> <td>Global Wind Energy Development Update and Outlook</td> <td>Steve Sawyer, Global Wind Energy Council, Secretary General</td> </tr> </tbody> </table>	Topic	Guest Speaker	Understanding the 13 <sup>th</sup> Five Year Plan and Its Impacts on Wind Industry	National Energy Administration	Wind R&D, the Technology Innovation Under 13 <sup>th</sup> Five Year Plan	Ministry of Science and Technology	Wind, Energy Revolution and Supply Side Reform	Wang Zhongying, China National Renewable Energy Centre, Director	IEA Mid Term and Long Term Renewable Energy Outlook	Paul Simons, IEA, Deputy Executive Director	Global Wind Energy Development Update and Outlook	Steve Sawyer, Global Wind Energy Council, Secretary General
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16:30-17:00	Coffee Break												
17:00-18:30	<b>High Level Round Table - Energy Transition Under the Paris Agreement: Challenge and Opportunity for Wind Energy Industry</b> <b>Moderator: Li Junfeng, National Center for Climate Change Strategy and International Cooperation (NCSC), Director</b>												

	<b>Panelists:</b> 1. State Grid (TBD) 2. Wang Xiaohai, Inner Mongolia Electric Power Generation Group Limited, General Manager Assistant 3. Bi Yaxiong, China Three Gorges Corporation, Vice General Manager 4. Wang Yeping, Datang Corporation Renewable Power Co. Ltd, President 5. Chen Sui, CGN New Energy Holdings Co. Ltd., President 6. Wang Haibo, Goldwind, Science&Technology Co. Ltd, CEO 7. Zhang Lei, Envision Energy, President 8. Jin Xiaolong, Shanghai Electric Wind Energy Group, President	
18:30-20:30	<b>Conference Dinner (CNCC 3<sup>rd</sup> Floor Room 311)</b>	
<b>19<sup>th</sup> October, Wednesday (Day 2)</b> <b>China International Exhibition Center (New Venue)</b>		
10:00-10:30 (South Registration Hall)	<b>Exhibition Opening</b>	
	Conference Organizers, Major Exhibitors and Representatives from Foreign Government	
10:30-12:30 W105	<b>Doing Business in International Markets</b> <b>Moderator: Steve Sawyer, Global Wind Energy Council, Secretary General</b>	
	<b>Presentation</b>	<b>Speaker</b>
	High Level Penetration of Renewable Analysis	Cedric Philibert, IEA, Renewable Energy Division, Senior Analyst
	Financing Wind in China: case study and opportunities in China moving forward	Anders Thorsen, EKF, Denmark official export credit agency (ECA)
	IEA Wind: Promoting wind energy through international R&D cooperation	Ignacio Marti, IEA Wind, Chairman
	The opportunities and Challenges in Global Wind Energy Investment	Pan Yantian, Goldwind International Holdings (HK)Ltd.
	Globalizing Offshore Wind: Opportunities for UK-China Collaboration	Mike Hay, UK Trade & Investment, Sector Specialist, Offshore Wind Team
	Wind Energy in Germany – Status Quo and What Lies Ahead	Esther Frey, Germany Trade and Invest, Senior Manager, Wind Power
	China Accelerates Overseas Wind Farm M&A	Zhou Yiyi, Bloomberg New Energy Finance, Senior Associate
	Business Opportunities in Wind Energy with The Netherlands	Agnes Agterberg, Dutch Government, Senior Energy Expert
12:30-13:30	Lunch	
13:30-15:00 W105	<b>Large Wind Turbine Design and O&amp;M Analysis (I)</b> <b>Moderator: Qi Hesheng, Chinese Wind Energy Equipment Association (CWEEA), Secretary General</b>	
	<b>Presentation</b>	<b>Speaker</b>
	Reliability Design for Offshore Wind Turbines	Zhao Xiang, Goldwind, Science&Technology Co. Ltd, Vice chief engineer/6.XMW Product Manager

	Smart Technology Increases the Reliability of High-Megawatt Offshore Wind Turbines	Kurt Andersen, Envision Energy, Global Technology Vice Director
	Application of Fretting Fatigue in The Development of Structure Parts of Large Wind Turbine	Pan Wenhao, Shanghai Electric Wind Energy Group, Team leader of CAE team, R&D department
	GE Haliade "Pure Torque" Advanced Technology	Julien Roge, GE Renewable Energy Offshore Wind (France), Engineering Team Leader
15:00-15:30	<b>Coffee Break</b>	
15:30-17:30 W105	<b>Large Wind Turbine Design and O&amp;M Analysis (II)</b> <b>Moderator: Aris Karcanias, FTI Consulting, Managing Director of Economic and Financial Consulting</b>	
	Increasing the Reliability of the Large Wind Turbine	Zhang Haiya, CSIC (Chongqing) Haizhuang windpower Equipment Co. Ltd., Deputy Director of R&D Center
	Trends of Land Applications for Large Wind Turbine	Wu Tao, Guangdong Mingyang Wind Power Industry Group Co. Ltd., Product Manager
	The Development of Vestas 3MW Product Platform	Johnny Thomsen, Vestas Senior Vice President Product Management
	Technology Research on 8MW -10MW Offshore Wind Turbine	Ma Wenyong, Sinovel Wind Group Co. Ltd., Director of R&D
	Design of The Offshore Wind Turbines	Anton de Roest, MECAL (Beijing) Engineering & Technology Co.,Ltd, President
10:30-12:30 W103	<b>Offshore Design and Installation Technology</b> <b>Moderator: Lu Yichuan, China Longyuan Power Generation Group Limited, Deputy Chief Engineer</b>	
	<b>Speaker</b>	<b>Panelists</b>
	The Discussion Of the Ocean Wind Booster Station Installation By Float Towing Based on Dynamic Positioning Barges	Zhang Wei, YanTai Salvage, Senior Engineer
	Experiences from design of Chinese wind farms: How to make the different traditions meet	Søren Juel Petersen, Ramboll A/S., Global Market Director
	A Practical Optimization for Offshore Wind Farm Layout	Zhang Yong, Renowind Energy Technology (Beijing) Co. Ltd., Chief Engineer
	Offshore wind farm harmonic analysis	Sun Yin, DNVGL SR&I, Power System Researcher
	Offshore Substation Design and Development - Optimization of the Platform	Peter Busch Nielsen, Ramboll A/S., Head of Department
	The First Commercial Offshore Project in US – Block Island Case Study	Le-Queau Pascal, GE Renewable Energy Offshore Wind (France), Technical Project Manager
12:30-13:30	<b>Lunch</b>	

13:30-15:00W 103	<b>Offshore Environment Analysis (I)</b> <b>Moderator: Liu Qi, Shanghai Electric. Co. Ltd., Deputy General Manager</b>	
	<b>Presentation</b>	<b>Speaker</b>
	Environment Impact of Offshore Wind Farm and Coordination with Stakeholders	Xu Wei, National Ocean Technology Center, Professor
	Research and countermeasures about offshore wind environment	Wu Lizhou, Xinjiang Goldwind Science and Technology Co. Ltd., Environment Adaptive Director
	Offshore Wind Cost Reduction: UK experience	Stephen Wyatt, Offshore Renewable Energy Catapult, Director of Strategy and Commercialisation
	Extreme Sea Waves Acting on Offshore WTG Structures: Prediction Based on Sub-Surface	Uwe Stoeber, UL International, Engineer Project Associate
15:00-15:30	<b>Coffee Break</b>	
15:30-17:30 W103	<b>Offshore Environment Analysis (II)</b> <b>Moderator: Zhang Xiuzhi, National Climate Center, Researcher</b>	
	Climate Friendly Zoning of the Offshore Development	Zhang Xiuzhi, National Climate Center, Researcher
	Offshore Wind Turbine Wind and Wave Dynamic Simulation On Different Dynamic Codes	Li Fanying, GuangDong MingYang Wind Power Industry Group Co. Ltd, Multibody Dynamics Analysis Engineer
	Offshore Wind Turbine Load Calculation	Ma Long, Shanghai Electric Windpower Group, Product Manager
	Offshore Wind Condition Analysis-for the Purpose of Cost Reduction	Han Tao, DNV GL, Senior Engineer
10:30-12:30 W102	<b>Wind and Micro Grid</b> <b>Moderator: Chen Zhe, Aalborg University, Professor</b>	
	<b>Presentation</b>	<b>Speaker</b>
	Goldwind Microgrid Operational Optimization	Syed Furqan Rafique, Beijing Etechwin Electric Co. Ltd., Micro Grid R&D
	The Micro Grid Economic Operation and Energy Management	Zang Xiaodi, CRRC ZHUZHOU INSTITUTE CO. LTD., Wind Bussiness Department, Senior director of design
	Simulation and Control of Distribution Network with Mixed AC/DC	Chen Zhe, Aalborg University, Professor
	Wind power with micro-grid electrical system analysis and experience sharing	Li Zhongyou, Schneider Electric, Smart Grid Solutions & Strategy Manager
	Grid Friendly Wind Power With Smart Control System	Dr. Zhao Jiaxin, REnergy Electric Tianjin Ltd., System Dept. Manager
12:30-13:30	Lunch	
13:30-17:30W 102	<b>Smart Manufacturing in Wind Sector</b> <b>Moderator: Zhao Xinhua, China Association for Mechatronics Technology and Application Intelligent Factory Branch, Secretary General</b>	

	<b>Presentation</b>	<b>Speaker</b>
	Fan Assembly Intelligent production	Sun Yunquan, Intersmart Robotic System Co. Ltd., Specialist
	Blade Polishing Robot Application Development	Liu Xiaoming, Ningbo Institute of Intelligent Manufacturing Industry, Expert
	Smart Wind Farm Construction and Planning	Xinjiang Goldwind Science & Technology Co. Ltd.
	Intelligent Manufacturing and Blade Production	Xu Wenjun, Shanghai AI Lang Wind Power Technology Development (Group) Co. Ltd.
	Information Technology For Power Supply	Chen Weimin, Envision Energy, Head of Global Supply Chain
	Smart Manufacturing Development to Promote the Upgrading of Wind Industry	Kai Lee, Schneider Electric, Smart Manufacturing Director
	Intelligent Manufacturing and Wind Turbine Blade Detection	Wu Jianzhong, Tongji University, School of mechanical engineering, Professor
	Industrial Big Data For the Wind Power	Liu Xiaofeng, Han Energy Technology, Chairman

**20th October, Thursday (Day 3)**

9:00-10:30 W201	<b>Entrepreneur Forum (I)</b> <b>Moderator: Yang Xiaosheng, China Wind Energy Equipment Association (CWEEA), Chairman</b>
	<b>Panelists:</b> <ol style="list-style-type: none"> <li>1. Zhang Chunlei, China Datang Corporation Renewable Power Co. Ltd, General Manager</li> <li>2. Wang Huijuan, Guohua Energy Investment Co. Ltd., General Manager</li> <li>3. Chu Jingchun, Guodian United Power Technology company Limited, General Manager</li> <li>4. Sun Jianzhong, CSIC (Chongqing) Haizhuang windpower Equipment Co. Ltd., President</li> <li>5. Li Chunlin, XEMC, General Manager</li> <li>6. Chen Jun, Dongfang Electric Wind Power Co. Ltd., General Manager</li> <li>7. Yang Zhenyu, Zhejiang Windey Co. Ltd., President</li> <li>8. Xu Dongfu, Sinovel Wind Group Co. Ltd., President</li> <li>9. Alvaro Bilbao Moran, Gamesa (China), CEO</li> </ol>
10:30-10:45	<b>Coffee break</b>
10:45-12:15 W201	<b>Entrepreneur Forum (II)</b> <b>Moderator: Qin Haiyan, Chinese Wind Energy Association (CWEA), Secretary General</b>

	<b>Panelist:</b> 1. Li Enyi, China Longyuan Power Group Corporation Ltd., General Manager 2. Li Yilun, China General Nuclear Power Corporation, Vice President 3. Li Bin, China Three Gorges New Energy Co. Ltd., General Manager 4. Cao Zhigang, China Three Gorges New Energy Co. Ltd, General Manager 5. Wang Xiaoyu, Envision Energy, Vice General Manager 6. Wang Limin, Mingyang Wind Power Industry Group Co. Ltd., President 7. Peng Huawen, CRRC Zhuzhou Locomotive Co. Ltd., General Manager 8. Chris Beaufait, Vestas (China and Asia Pacific), President 9. Li Feng, GE China Renewables, General Manager	
12:15-13:30	<b>Lunch</b>	
13:30-15:00 W201	<b>Energy Internet: Challenges and Opportunities to RE industry</b> <b>Co-organizer: China Energy Research Society Energy Internet Committee</b>	
	<b>Presentation</b>	<b>Speaker</b>
	The Goal and Meanings of Energy Internet Demonstration Projects	XIU Binglin, Energy Conservation and Technology Equipment Division of NEA, Deputy Director
	The Deep Integrative Development of Information and Energy	FENG Qingdong, State Grid Energy Research Institution, Chief Specialist
	The Essential Attribute and Developing Application of Global Energy Internet	ZENG Ming, North China Electric Power University, Professor
	The Practice of Multi-Energy synergetic Energy Network	WU Kai, Goldwind Science & Technology Co. Ltd. , Executive Vice-President
	Internet and Intelligent Energy	ZHANG Lei, Envision Energy Limited, Chairman
	Energy Internet and Intelligent Manufacturing	QU Xiaohua , Canadian Solar, President & CEO
	The Practice Cases of Internet Energy	NIU Shubin, GCL Smart Energy, Vice-President
	Energy Internet is the Key Point of Energy Revolution	HE Jijiang, Energy Internet Research Institute of TSINGHUA
15:00-15:30	<b>Coffee Break</b>	
15:30-17:30 W201	<b>“The Belt and Road” Strategy and Impact on RE Industry</b> <b>Co-organized by China National Renewable Energy Centre</b>	
	<b>Presentation</b>	<b>Speaker</b>
	Energy Transition and New Energy Developing in Developing Countries	Pakistan Ministry of Water and Electricity
	The Supporting Policies of New Energy’s Development in Thailand	ZHONG Baofen, Royal Thai Embassy, Minister-Counselor
	The Energy Transition Strategy and Cooperation under “The Belt and Road”	Asian Development Bank(ADB)

	International Capacity Cooperation under Financial Support	China Development Bank
	International Cooperation Opportunities from the Perspective of Global Finance	World Bank
	Green Financing Promote “The Belt and Road” Sustainable Development	Silk Road Fund
	PV Application’s Innovation of “The Belt and Road”	CUI Yaping, Zonergy Company Limited, Vice-President
	The Wind Power and National Energy Transition of “The Belt and Road”	PAN Yantian, Goldwind Science & Technology Co. Ltd., Chief Executive Officer
	The Experience of Enterprises Participating in “The Belt and Road” Construction	TEBA Co. Ltd.
	<b>Low Wind Speed Site Development and Turbine Design (I)</b> <b>Moderator: Zhu Rong, National Meteorology Bureau, Researcher</b>	
	<b>Presentation</b>	<b>Speaker</b>
	Technological Revolution Opens the Huge Market for Low Wind Speed Turbines	Wang Xiaoyu, Envision Energy, Vice General Manager
	Altitude Effects in Wind Turbine Temperature Performance	Borja Molera Llorente, Gamesa Innovation and Technology, Expert Engineer in Thermal Conditioning
	Low Wind Mountain Wind Farm Layout Optimization and Wind Turbine Type	Wu Faming, CRRC ZHUZHOU INSTITUTE CO.LTD, Senior Engineer
	Post Conversion of Lidar Data on Complex Terrains	Xie Xin, Meteodyn Beijing, Wind Engineer
	Analysis and Numerical Simulation in Complex Terrain	Bao Zhenhai, TBEA Xinjiang New Energy Co. Ltd., Division General Manager Wind Power Project
10:30-11:00	<b>Coffee Break</b>	
	<b>Low Wind Speed Site Development and Turbine Design (II)</b> <b>Moderator: Zhang Wenzhong, Huadian Fuxin Energy Limited Company, Vice Chief Engineer</b>	
	<b>Presentation</b>	<b>Speaker</b>
	Complex Terrain Modeling Based on Open CFD	Chen Fei, Goldwind, Science&Technology Co.,Ltd Engineering of CFD
	Analysis of Technology Standards for Low Wind Turbines	Zhang Yongshan, China Meteorology Bureau, Wind And Solar Resource Center, Senior Researcher
	Load Analysis and Energy Production in Complex Terrain	Wang Siteng, Vestas, Micro Siting Manager
	Non-Structural Grid Classification Technology in CFD Simulation of Wind Resources in Complex Terrian	Peng Ming, Guangdong Wind Power Corporation, Specialist
	Wind Recourse Assessment: Trends and Best Practices Throughout the World	Greg S. Erdmann, NRG, VP, Global Sales
	Design of the Low Wind Turbine for Complex Terrain	Guo Qinwen, TEBA Co. Ltd., Vice Chief Engineer
12:30-13:30	<b>Lunch</b>	

13:30-15:00 W105	<b>What does China's 13th Five Year Plan as well as China's COP21 commitment mean for China's (Renewable) Energy Industry</b> <b>Moderator: Darius Snieckus, Recharge, Chief Editor</b>	
	Keynote: Ditlev Engel, CEO, DNV GL Energy	
	<p>Panelists:</p> <ol style="list-style-type: none"> <li>1. Shi Pengfei, Chinese Wind Energy Association, Honorary President</li> <li>2. Steve Sawyer, Global Wind Energy Council, Secretary General</li> <li>3. Mathias Steck, EVP &amp; Regional Manager Asia Pacific, DNV GL – Energy</li> <li>4. Sean Whittaker, International Finance Corporation, Senior Industry Specialist</li> <li>5. Wang Jixue, China Renewable Energy Engineer Institute, Vice-Director of New Energy</li> </ol>	
15:00-15:30	<b>Coffee Break</b>	
15:30-17:30 W105	<b>Health &amp; Safety Training System</b> <b>Moderator: Liu Weifang, CWEA, Senior Advisor</b>	
	<b>Presentation</b>	<b>Speaker</b>
	GWO's Standards in Health and Safety Training	Jakob Lau Holst, Global Wind Organization, Secretary General
	Promoting the Health and Safety Standards in Wind Sector	Uwe Sarrazin, GE Renewable, Head of Global Education & Learning
	Status Quo of China's Health and Safety Training in Wind Sector	Wang Jianguo, Suzhou Longyuan Bailu Wind Power Occupational Technical Training Center, Chief Technical Leader
	<b>Health &amp; Safety Training System (Panel Discussion)</b> <b>Moderator: Liu Weifang, CWEA, Senior Advisor</b>	
	<p><b>Panelists:</b></p> <ol style="list-style-type: none"> <li>1. Jakob Lau Holst, GWO, Secretary General,</li> <li>2. Qin Haiyan, CWEA, Secretary General,</li> <li>3. Wang Jianguo, Suzhou Longyuan Bailu Wind Power Occupational Technical Training Center, Chief Technical Leader,</li> <li>4. Li Qingyi, Datang New Energy Research Institute, Chief Engineer</li> <li>5. Guo Chengyin, Xinjiang Goldwind Science &amp; Technology Co. Ltd., Safety Supervisor, Corporate Safety Management Dept.</li> <li>6. Li Qianjiang, Guangdong Mingyang Wind Power Industry Group Co.,Ltd, Director of Safety Office</li> <li>7. Uwe Sarrazin, GE Renewable, Head of Global Education &amp; Learning</li> <li>8. Zhou Shaohui, Vestas, Senior Manager on Safety and Health Standard</li> </ol>	
9:00-10:30 W103	<b>Wind Farm O&amp;M (I)</b> <b>Moderator: Zhou Weihua, Shenhua Goup Co. Ltd., Vice Manager of Production</b>	
	<b>Presentation</b>	<b>Speaker</b>
	Goldwind's SEC Digital System and It application in Wind Farm O&M	Xu Lei, Goldwind Huineng Co. Ltd., Market Director
	How to achieve true intelligent O&M	Chen Yongjin, How to Achieve True Intelligent O&M, Director of Service

	The Wrinkles Defects on Wind Blade and The Solution	Wan Peng, 3M China Ltd., Senior Application Engineer
	The Internet of Things Technology Agile Capture the Wind Resources	Lou Yonggang, East Environment Energy, Director of Product
	Localization of Lubrication in Wind Sector	Zhang Guangliao, TianJin Branch, Sinopec Lubricant Co. Ltd., Director of Technology Research Institute
	Digitalization and Forward Visibility of Wind Assets to Reduce the Cost of Energy	Edward Wagner, Sentient Science, Chief Digital Officer
10:30-11:00	Coffee Break	
	<b>Wind Farm O&amp;M (II)</b> <b>Moderator: Yue Junhong, Longyuan, Chief Engineer</b>	
	<b>Presentation</b>	<b>Speaker</b>
	Software-Defined Smart Wind Field Investment Products	Li Heng, Envision Energy, Head of Super Intendent of Smart Wind Farm and Greenwich Platform
	Wind Farm Control Solutions: From Data to Wisdom	Ma You, Gamesa Wind, Service Director
	Intelligent Operations With New Technology Background	Zhu Guodong, RuiYuan WindEnergy Technology Co. Ltd., Vice President
11:00-12:30 W103	Discussion the Large Wind Turbine by Depth Maintenance	Zhang Chuanjiang, Chong Qing Haizhuang (CSIC) Windpower Engineering and Research Co. Ltd, Vice Minister of Technical Quality
	The Application of SCADA Data Analysis in The Study of Turbine Vibration	Zhang Qingyun, EULIKIND Co. Ltd., Technical Director
	Automatic Cleaning And Collecting System For Waste Oil of Wind Power Bearing	Zhao Daping, Zhengzhou OTT Technology Co. Ltd., Chairman
12:30-13:30	<b>Lunch</b>	
	<b>Components Manufacturing and Its Innovation (I)</b> <b>Moderator: Hou Yuhan, Goldwind, Science&amp;Technology Co. Ltd Market Director</b>	
	<b>Presentation</b>	<b>Speaker</b>
	Technology Innovation on Blade	Chen Chun, Sinoma Wind Power Blade Co. Ltd., Vice General Manager
	Offshore Wind Power Converter	Zheng Dapeng, Shenzhen Hopewind Electric Co. Ltd., R&D Director
	The Effect of a Low-Speed Coupling on the Dynamic Behavior of a Drivetrain	Alexander Kari, Geislinger GmbH, Sales Manager
13:30-15:00 W103	Niobium-Containing Wind Tower Structural Steel Comparison to Conventional Steels	Steven G. Jansto, CBMM North America, Inc., Market & Technical Development Manager
	The Future of Wind Control Automation	Gavin Song, Mita Teknik, Key Account Manager
15:00-15:30	<b>Coffee Break</b>	
15:30-17:30 W103	<b>Components Manufacturing and Its Innovation (I)</b> <b>Moderator: Zhao Feng, FTI Consulting, Director / Head of Wind Energy</b>	

	Presentation	Speaker
	Sectional Wind Blade Technique	Chen Wenguang, Guangdong Mingyang Wind Power Industry Group CO.LTD, Blade Design Chief Engineer
	A New Revolutionary Carbon Hybrid Technology	Zhao Nan, LM Wind Power AS, Engineering Director Asia-Pacific
	The High Reliability Design and Application Features of Sungrow's Medium-Voltage Wind Converter	Zhou Jianjie, Sungrow Power Supply Co. Ltd., System Solutions Director
	Improvement of Reliability for Main Shaft Bearings of Mult-megawatt Class Wind Turbine Generators	Ryohei Hosaka, Jtekt Corporation, Head of Bearing Design and Wind Turbine Application
	Stress Analysis And Optimization Research For Spherical Roller Bearing In Wind Power Main Shaft Locating Position	Huang Chunliang, Schaeffler Trading (Shanghai) Co. Ltd., Senior Application Engineer
	Electro-mechanical Differential Gear(EMDG)-Short Description	Maximilian Hehenberger, SET GmbH, Head of Business Development & Sales

**21<sup>st</sup> October, Friday (Day 4)**

**China International Exhibition Center (New)**

09:00-12:30 W105	Upgrade of Wind Turbine and Wind Farm in Service - Technology Upgrade Plan and Feasibility Study <b>Moderator:</b> Xin Kefeng, Datang Renewable Power Test and Research Institute, Party secretary and Vice-president; Chen Danghui, Beijing Huizhi Tianhua Science and Technology Corporation, General Manager	
	Presentation	Speaker
	Analysis of Wind Farm Operation Value Plus Model Based on Intelligent Wind Farm Control System	Li Xuan, Xinjiang Goldwing Science & Technology Co. Ltd.
	Wind Turbines in Service Running State and Coping Strategy Research	Xin Kefeng, Datang Renewable Power Test and Research Institute, Party secretary and Vice-president
	Effectiveness Evaluation and Safety Assessment on Technical Transformation For Wind Turbine	Shi Xudong, China General Certification, Load Assessment Engineer
	Efficient Wind Farm Performance Analysis	Gerhard Gerdes, Deutsche WindGuard GmbH, Managing Director
	Upgrade of Wind Farm in Service	Zhou Minqiang, Zhejiang Windey Co. Ltd, Director
	Performance Optimisation Improving Output of Wind Farm	Yin Xiangqian, Fengneng Sgurr (Beijing) Renewable Energy Technology Co. Ltd., Renewable Energy Consultant
	Island Ride Through of Wind Turbine	Dong Xiaoguang, RENergy Electric Tianjin Ltd., Product Manager
	<b>Round Table:</b> Upgrade of Wind Turbine and Wind Farm in Service - Technology Upgrade Plan and Feasibility Study Panelists: Goldwind, Mingyang, Datang, CGC.	

