

# SNEC PV+ 17th (2024) International Photovoltaic Power Generation and Smart Energy Conference

InterContinental Shanghai Hongqiao NECC  
 (No. 1700 Zhuguang Road, Shanghai, China)

Monday, 10 June 2024		
10:00-20:00	On-site Registration	
Tuesday, 11 June 2024 Day 1		
08:45-09:30	<b>17<sup>th</sup> Global PV Power Conference Opening</b>	Grand Ballroom, InterContinental Shanghai Hongqiao
09:30-12:30	<b>17<sup>th</sup> Global PV Power Conference Plenary</b>	
13:45-17:30	<b>17<sup>th</sup> Global Green Energy Leaders Dialogue</b>	
19:00-21:00	GCL Night	
Wednesday, 12 June 2024 Day 2		
09:00-12:30	<b>17<sup>th</sup> Global Advanced PV Technology Conference Plenary</b>	Grand Ballroom, InterContinental Shanghai Hongqiao
13:30-16:10	<b>Global Advanced PV + Storage Technology Conference Plenary</b>	
16:10-17:30	<b>Global PV Technology Startups Dialogue</b>	
19:00-21:00	RUNERGY Night	
Thursday, 13 June 2024 Day 3		
09:00-17:30	Exhibition DAY 1	National Exhibition and Convention Center (Shanghai)
09:00-09:30	<b>Exhibition Opening</b>	B/w 4.2H & 5.2H, NECC Shanghai
10:00-18:00	<b>7<sup>th</sup> Energy Interconnection Technologies and Application Summit</b>	Grand Ballroom 1, InterContinental Shanghai Hongqiao
09:00-12:00	<b>Advanced PV Technology Conference (1): BOS Components</b>	Grand Ballroom 1, InterContinental Shanghai Hongqiao
13:00-18:00	<b>Advanced PV Technology Conference (2): Distributed PV and IPV Technologies</b>	
08:30-12:00	<b>Advanced PV Technology Conference (3): cSi Solar Cells and Auxiliary Materials</b>	Grand Ballroom 3, InterContinental Shanghai Hongqiao
13:00-18:00	<b>Advanced PV Technology Conference (4): Silicon Wafer based PV Modules &amp; Quality Assurance</b>	
13:00-16:00	<b>Workshop on Global PV Market – Outlook and Development Strategies</b>	Function Room 5+6, InterContinental Shanghai Hongqiao
Friday, 14 June 2024 Day 4		
09:00-17:30	Exhibition DAY 2	National Exhibition and Convention Center (Shanghai)
09:00-12:30	<b>8<sup>th</sup> Advanced Graphene &amp; New Materials Applied Technologies Summit</b>	Grand Ballroom 1, InterContinental Shanghai Hongqiao
13:30-18:30	<b>12<sup>th</sup> Global Green Energy and PV Financial Summit</b>	
09:00-12:00	<b>Advanced PV + Storage Technology Conference (1): Batteries and ESS Technologies, Applications and Safety</b>	Grand Ballroom 2, InterContinental Shanghai Hongqiao
13:00-17:30	<b>Advanced PV + Storage Technology Conference (2): Solutions and Integrated Technologies of PV + Storage System</b>	

09:00-12:00	<b>Advanced PV Technology Conference (5):</b> Solar PV System Design / O&M and Smart Grid Technologies	Function Room 5+6, InterContinental Shanghai Hongqiao
08:30-12:00	<b>Advanced PV Technology Conference (6):</b> Thin Films and Perovskites	Grand Ballroom 3, InterContinental Shanghai Hongqiao
13:00-18:00	<b>Advanced PV Technology Conference (7):</b> HIT/HJT and TOPCon Solar Cells	
<b>Sunday, 15 June 2024 Day 5</b>		
09:00-14:00	Exhibition DAY 3	National Exhibition and Convention Center (Shanghai)
10:00-11:00	"Top 10 Highlights" Awards Ceremony	National Exhibition and Convention Center (Shanghai)

*The agenda is subject to change.*

## 17th Global PV Power Conference Opening & Plenary

**Date:** Tuesday, 11 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Grand Ballroom

**Time:** 08:45-12:30

The Conference Opening & Plenary session is aimed as an international platform to present and discuss the policy updates, market trends and latest scientific results as well as to network amongst each other and enhance the visibility towards industrial and policy stakeholders. It gathers leading experts, scholars, researchers, entrepreneurs, representatives from different national Chinese institutions engaged in solar photovoltaic and renewable energies along with senior executives from the European, Asian and American solar organizations to share their great insights into the industry.

PROGRAM		
<b>Conference Opening</b>	Chair: Mr. Zhen Wang (Director, Shanghai Science & Technology Exchange Center)	
	08:45-09:30	Address by the leaders of the Shanghai Municipal Government
		Address by <b>Mr. Yubo Shi</b> , Chairman, China Energy Research Society; Former Deputy Director of National Energy Administration
		Address by <b>Prof. Tianwei Tan</b> , Academician of Chinese Academy of Engineering; Chairman, China Renewable Energy Society
		Address by <b>Mr. Gongshan Zhu</b> , Chairman of SNEC PV+ Conference; Chairman, Global Green Energy Industry Council (GGEIC); Chairman, Asian Photovoltaic Industry Association (APVIA)
		Address by <b>Mr. Hanyuan Liu</b> , Deputy to the NPC; Vice Chairman of ACFIC; Executive Committee Chairman, Asian Photovoltaic Industry Association (APVIA); Chairman, Tongwei Group
		Address by <b>Prof. Armin Aberle</b> , Chairman of SNEC Advanced PV Technology Conference; CEO, Solar Energy Research Institute of Singapore (SERIS), National University of Singapore (NUS)
<b>Plenary Session I</b>	Chair: Mr. Kai Zhu, Chairman, Shanghai New Energy Industry Association (SNEIA)	
	09:30-12:30	Mr. Al Gore Former Vice President of the United States of America; Founding Partner and Chairman of Generation Investment Management; Founder and Chairman of The Climate Reality Project ( <i>Inviting</i> )
		Mr. Zhen Huang Academician of Chinese Academy of Engineering; President of the College of Smart Energy, President of the Energy Development Research Institute, and President of the Carbon Neutral Development Research Institute, Shanghai Jiaotong University
		Mr. Xiaoxin Zhou Academician of the Chinese Academy of Sciences; Honorary President of the Chinese Academy of Electric Power Sciences
		Mr. Gongshan Zhu Chairman, Global Green Energy Industry Council (GGEIC); Chairman, Asian Photovoltaic Industry Association (APVIA); Chairman, Golden Concord Holdings Limited
		Mr. Jifan Gao Honorary President, China Photovoltaic Industry Association (CPIA); Chairman, Trina Solar Co., Ltd.

	<p>Mr. Jinlong Hou Senior Vice President of Huawei, President of Digital Power, Huawei</p>
	<p>Mr. Zhenguo Li President, LONGi Green Energy</p>
	<p><b>Global Solar PV Markets and China's Role</b> Mr. Heymi Bahar Senior Analyst, International Energy Agency (IEA)</p>
	<p><b>Shaping the Future: Grid Modernization Trends and Innovations in the United States</b> Ms. Sheri Givens President &amp; CEO, Smart Electric Power Alliance (SEPA), USA</p>
	<p>Mr. E. Haryadi Chairman, Indonesian Electrical Power Society (MKI)</p>
<b>Lunch</b>	

Opening Ceremony  
Special Co-Organizer:



Opening Ceremony  
Co-Organizers:



## 17th Global Green Energy Leaders Dialogue

**Date:** Tuesday, 11 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Grand Ballroom

**Time:** 13:45-17:30

The issue of global warming caused by climate change has not only gained significant attention domestically, but also aroused huge attention on a global scale. It is emphasized the need to accelerate green and low-carbon transformation, strengthen climate adaptation, satisfying people's demands for a beautiful ecological environment, and achieving higher quality and more sustainable development. Green and low-carbon lifestyles will become a goal and direction for all countries to strive for in the future. China has reached a world-leading level in both technological reserves and market scale in clean energy. Green and low-carbon energy is not only for our country to fulfill its solemn commitment to "2030 carbon peak" and "2060 carbon neutrality," but also has significant implications for improving people's livelihoods and raising the quality of life of people in developing countries.

Against this backdrop, global organizations such as the Global Green Energy Industry Council (GGEIC), the Global Solar Council (GSC) and the Asia Photovoltaic Industry Association (APVIA) jointly organize the "Global Green Energy Leaders Dialogue" to promote and develop the concept of green and low-carbon energy worldwide. The event invites representatives from Europe, Asia, Americans, mainstream industry CEOs, authoritative experts in academia, market analysis institutions, financial institutions, and media representatives to discuss the future global green energy development pattern, industry opportunities, as well as the opportunities and challenges for the photovoltaic industry.

PROGRAM		
<b>Roundtable # 1: China's experience in exploring and supporting green and low-carbon energy development</b> Chair: <b>Mr. Junfeng Li</b> , Executive Council member of China Energy Research Society (CERS)		
Time	Topics	Panelist (listed alphabetically)
13:45-14:00	Keynote Presentation	<ul style="list-style-type: none"> <li>• <b>Dr. Liyou Yang</b>, General Manager, Jinneng Clean Energy Technology Limited</li> </ul>
14:00-15:00	<p>Developing green and low-carbon energy is one of the key measures for China to achieve its energy structure transformation. It can not only reduce dependence on traditional fossil fuels, improve energy security and supply quality, but also promote sustainable economic development. It is also of great significance for mitigating global climate change and protecting the ecological environment. The photovoltaic industry, as a high-tech and high value-added industry, is one of the important ways to promote the transformation of energy structure from traditional fossil energy to clean energy, and also lays a solid foundation for the development of green and low-carbon energy.</p> <ol style="list-style-type: none"> <li>1. The role and responsibilities of photovoltaic industry in energy transition, as well as how it could synergize with other new energies</li> <li>2. The cooperation and contribution of the photovoltaic industry in global sustainable development, such as participating in South-South cooperation and jointly building the "the Belt and Road" initiative.</li> <li>3. How does the global trend of carbon neutrality impact the overseas development of</li> </ol>	<ul style="list-style-type: none"> <li>• <b>Mr. Jifan Gao</b>, Chairman &amp; CEO, Trina Solar Co., Ltd.</li> <li>• <b>Mr. Hanyuan Liu</b>, Deputy to the NPC; Vice Chairman of ACFIC; Executive Committee Chairman of Asian Photovoltaic Industry Association (APVIA), Chairman of Tongwei Group</li> <li>• <b>Mr. Jinsong Liu</b>, Chairman of the Carbon Peak and Carbon Neutrality Expert Committee, China Electric Power Promotion Council; Founder of New Energy Cloud; Former Chairman of State Grid Xinjiang Electric Power Company</li> <li>• <b>Mr. Yong Liu</b>, Chairman, DAS Solar Co., Ltd.</li> <li>• <b>Mr. Yonghong Shi</b>, Vice President, China Chamber of Commerce for Import and Export of Machinery</li> <li>• <b>Dr. Zhengrong Shi</b>, Fellow of the Australian Academy of Technology and Engineering (ATSE); Professor of Shanghai University of Electric Power; Chairman of SUNMAN</li> <li>• <b>Dr. Liyou Yang</b>, General Manager, Jinneng Clean Energy Technology Ltd.</li> <li>• <b>Dr. Zhenyuan Zhao</b>, Chairman and Party</li> </ul>

	<p>enterprises? How does it affect the development trend of the global photovoltaic market?</p> <p>4. What insights could be gained for global climate change response from China's experience in developing green, low-carbon energy?</p>	<p>Secretary of EDRI</p> <ul style="list-style-type: none"> <li>• <b>Mr. Huixue Zhang</b>, Chairman and Party Secretary, CECEP Solar Energy Co., Ltd.</li> <li>• <b>Mr. Baoshen Zhong</b>, Chairman, LONGi Green Energy</li> </ul>
<p><b>Roundtable # 2: Cooperation and technological innovation within and beyond the photovoltaic industry chain</b></p> <p>Chair: <b>Mr. Weichun Li</b>, Vice President of Global Power Electronics business Segment, energy storage and fuel cell technology services of TÜV Rheinland Group; General Manager of Solar &amp; Commercial Products Greater China</p>		
Time	Topics	Panelist (listed alphabetically)
15:10-16:10	<p>With the increasing emphasis on environmental protection worldwide, renewable energy has become one of the main directions for future development, and the photovoltaic industry is an important part of it. Currently, photovoltaic technology is constantly innovating and developing, not only achieving efficient energy conversion, but also creating more job opportunities for society. In order to promote the development of the photovoltaic industry chain, governments and enterprises around the world have been exploring cooperation models, strengthening the links between upstream and downstream of the industry chain, and achieving mutual benefit and win-win results in the industry. This dialogue aims to explore the latest trends and future development directions of photovoltaic industry chain cooperation, as well as the synergistic development of the photovoltaic industry with the energy storage and hydrogen energy industries. The goal is to share advanced industry experience and technological achievements, promote exchanges and cooperation between domestic and foreign enterprises, and promote the comprehensive development of the photovoltaic industry.</p>	<ul style="list-style-type: none"> <li>• <b>Mr. Qinghua Dai</b>, Director of Board, Sany Group; Chairman, Sany Photovoltaic Technology Company</li> <li>• <b>Mr. Yuhe Duan</b>, President, SiNeng Electric Co., Ltd.</li> <li>• <b>Mr. Min Huang</b>, Chairman/CEO, GoodWe Technologies Co., Ltd.</li> <li>• <b>Mr. Tianshi Lan</b>, Co-CEO, GCL Technology Holdings Limited</li> <li>• <b>Mr. Gang Li</b>, Chairman, Seraphim Group</li> <li>• <b>Mr. Yonghua Miu</b>, Chairman, ZhongTian Energy Storage Technology Co., Ltd.</li> <li>• <b>Mr. Libin Tan</b>, Chief Customer Officer and Co-President of Marketing System, Contemporary Amperex Technology Co., Ltd. (CATL)</li> <li>• <b>Mr. Fei Wu</b>, Chairman, Wuxi Suntech Power Co., Ltd; Chairman, Taizhou JinenU New Energy Co., Ltd.</li> <li>• <b>Mr. Xiaohua Xu</b>, Chairman, Anhui Huasun Energy Co., Ltd.</li> <li>• <b>Mr. Hongliang Yuan</b>, Chairman, AlphaESS Energy</li> </ul>
<p><b>Roundtable # 3: Global solar market development and cooperation</b></p> <p>Chair: <b>Ms. Sonia Dunlop</b>, CEO, Global Solar Council (GSC)</p>		
Time	Topics	Panelist (listed alphabetically)
16:10-17:20	<p>The Chinese solar PV industry has invested in economies of scale in production which has brought down the cost per Watt of modules by over 90%. This has allowed the global energy transition to proceed at the speed and scale required to meet the global climate challenge of 1.5C, and has saved 50 million tonnes of carbon dioxide since the beginnings of the solar industry. There are now 5million people employed in solar around the world - most of them in the installation of solar, downstream in the value chain. And yet, solar is a deeply political and strategic technology, with many challenges facing us. This dialogue seeks to identify the challenges in different markets around the world and discuss the future scenarios for the whole industry.</p>	<ul style="list-style-type: none"> <li>• <b>Mr. Thomas Altmann</b>, EVP Innovation &amp; New Technology, ACWA Power</li> <li>• <b>Mr. Marcelo Alvarez</b>, President of Distributed Solar PV, Argentinean Chamber of Renewable Energy (CADER)</li> <li>• <b>Ms. Tetchi Capellan</b>, President, Philippine Solar and Storage Energy Alliance (PSSEA)</li> <li>• <b>Mr. Davis Chong</b>, President, Malaysia Photovoltaic Industry Association (MPIA)</li> <li>• <b>Mr. Joerg Ebel</b>, President, Germany Solar Association (BSW Solar)</li> <li>• <b>Ms. Sheri Givens</b>, President &amp; CEO, Smart Electric Power Alliance</li> <li>• <b>Mr. John Grimes</b>, CEO, Smart Energy Council</li> <li>• <b>Mr. E. Haryadi</b>, Chairman, Indonesian Electrical Power Society (MKI)</li> <li>• <b>Mr. Máté Heisz</b>, Director of Global Affairs, SolarPower Europe</li> </ul>
19:00-22:00	<b>Welcome Reception</b>	

Co-Hosts:



Co-Organizer:  **JINERGY** 晋能科技

## 16th Global Advanced PV Technology Conference Plenary

**Date:** Wednesday, 12 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Grand Ballroom

**Time:** 09:00-12:00

The solar power has become one of the cheapest energy in the world after all these years; however, technical innovation is still a key issue for reducing the costs. From the viewpoint of long-term development, cost reduction mainly derives from technical breakthroughs in cell efficiency. This Plenary Session gathers the top scientists and industry experts worldwide to present on the international technology roadmap for photovoltaic, and to share their great insights on technical breakthroughs in Solar PV.

PROGRAM	
<b>Plenary Session II</b>	Chair: Prof. Armin Aberle, CEO, Solar Energy Research Institute of Singapore (SERIS), National University of Singapore (NUS) Prof. Hui Shen, Director, Yangtze Institute for Solar Technology
	09:00-12:00 <b>The contribution of solar energy and other renewable energies to global climate protection</b> Mr. Hans-Josef Fell Member of German Parliament 1998 -2013; President, Energy Watch Group
	Mr. Shou Peng Academician of Chinese Academy of Engineering; Chief Scientist, China National Building Material Group Co., Ltd.
	<b>Photovoltaic Technologies entering the multi-Terawatt Age</b> Prof. Eicke R. Weber Vice-Chairman, European Solar Manufacturing Council ESMC; Former Director, Fraunhofer Institute for Solar Energy Systems ISE; Prof. emeritus, Dept. of Materials Science and Engineering, UC Berkeley
	Dr. Wei Wang Chief Scientist of PV Technology, State Power Investment Corporation (SPIC); CTO, SPIC New Energy Science & Technology Co., Ltd.
	<b>Is silicon cell efficiency above 29% feasible?</b> Prof. Martin Green Australian Centre for Advanced Photovoltaics, UNSW Sydney (The University of New South Wales)
	Dr. Zhengrong Shi Fellow of the Australian Academy of Technology and Engineering (ATSE); Professor of Shanghai University of Electric Power; Chairman of SUNMAN
	<b>Future Semiconducting Power System and Grid Forming Technology</b> Dr. Yunfeng Liu Chief Scientist, Huawei Digital Power Technologies Co., Ltd.
	<b>ITRPV: The 15th Edition of the International Technology Roadmap for Photovoltaics (ITRPV) – History, Trends, and Technical Projections of Global PV Production Technologies</b> Dr. Puzant Baliozian Lead Consultant of Sector Group Photovoltaic Equipment, VDMA Photovoltaic Equipment
	<b>Lunch</b>



**Official Partner:**



長三角太陽能光伏技術創新中心  
Yangtze Institute for Solar Technology

**Institutional  
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# Global Advanced PV + Storage Technology Conference Plenary

**Date:** Wednesday, 12 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Grand Ballroom

**Time:** 13:30-16:00

Photovoltaic, as one of the representative industries of “new quality productive forces”, its strategic position is increasingly prominent. In the process of photovoltaic technology development, photovoltaic and storage integration technology will play an essential role in alleviating the uncertainty of photovoltaic power generation and improving energy utilization efficiency. Against the backdrop of developing new productive forces, it is imperative to vigorously promote the integrated development of the photovoltaic and energy storage industries.

The Global Advanced PV+ES Technology Conference invites industry experts, scholars, leading enterprises, consulting institutions, and media in the fields of PV+ES to jointly explore photovoltaic and storage integration technology, new energy storage technology, and energy storage security, promote high-quality development of the PV+ES industry, actively promote the transformation of the national dual carbon and green economy, and the construction of new power systems, and contribute to the global energy transition.

PROGRAM	
Plenary Session III	Chair: Mr. Yuanhao Zhu, Honorary Chairman, Shanghai New Energy Industry Association (SNEIA)
	13:30-16:10
	Mr. Jinsong Liu Chairman of the Carbon Peak and Carbon Neutrality Expert Committee, China Electric Power Promotion Council; Founder of New Energy Cloud; Former Chairman of State Grid Xinjiang Electric Power Company
	Tesla
	Mr. Libin Tan Chief Customer Officer and Co-President of Marketing System, Contemporary Amperex Technology Co., Ltd. (CATL)
	Mr. Xiang Chen President, EVE Energy Co., Ltd.
	Huawei Digital Power Technologies Co., Ltd.
	Sungrow Power Supply Co., Ltd.
	<b>China solar PV and energy storage overseas strategy</b> Ms. Yana Hryshko Head of Global Solar Supply Chain Research, Wood Mackenzie
	<b>Development Opportunities and Solutions for New Energy Storage Industry under the Dual-Carbon Track</b> Mr. Qingwu Tan CTO, ZhongTian Energy Storage Technology Co., Ltd.
<b>Boost High-quality Development of Global Energy Storage with Technological Innovation and Practices from China</b> Dr. Zebo Lin Senior Vice President, Guangzhou Zhiguang Electric Co., Ltd.	

## Global PV Technology Startups Dialogue

**Date:** Wednesday, 12 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Grand Ballroom

**Time:** 16:15-17:30

The development of the photovoltaic industry cannot be separated from the promotion of science and technology entrepreneurs, especially the blessing of new forces. Within the TGW era, the post-tech start-ups gradually increased their presence in the market. The further upgrading of the photovoltaic industry, the continuous update of technology iteration, business model innovation and quality improvement have become hot topics of photovoltaic technology entrepreneurship.

In order to promote the climate of photovoltaic technology entrepreneurship, the Global Green Energy Council (GGEIC), the Global Solar Council (GSC), the Asian Photovoltaic Industry Association (APVIA) invite representatives of new technology entrepreneurs, CEOs from leading start-ups, authoritative experts in academia, market analysis institutions, financial institutions and media representatives to discuss and explore new opportunities and challenges in the photovoltaic industry. It aims to provide a stage for new entrepreneurial forces in the photovoltaic industry and promote the communication and cooperation between the new generation of technology entrepreneurs.

PROGRAM		
Roundtable: New technology entrepreneurs in the photovoltaic industry		
Chair: <b>Dr. Shitao Wang</b> , General Manager, Huzhou Leaping Technology Co., Ltd; Convener of IEC TC82 WG9		
Time	Topics	Panelist (listed alphabetically)
16:15-17:30	Coming soon...	<ul style="list-style-type: none"> <li>• <b>Mr. Scott Graybeal</b>, CEO, Caelux Corporation</li> <li>• <b>Dr. Qiang Huang</b>, Chairman, Cando Solar</li> <li>• <b>Mr. Ming Li</b>, General Manager, Shanghai HIUV New Materials Co., Ltd.</li> <li>• <b>Dr. Yaohua Mai</b>, Director of Institute of New Energy Technology, Jinan University; Chairman, Guangdong Mellow Energy Co., Ltd.</li> <li>• <b>Dr. Jingong Pan</b>, General Manager, CNBM (Chengdu) Optoelectronic Materials Co., Ltd.</li> <li>• <b>Dr. Longzhong Tao</b>, Chairman, Jiangsu Runergy New Energy Technology Co., Ltd.</li> <li>• <b>Mr. Max Tian</b>, Co-founder of Unisun Energy Group; President of Unisun Power</li> <li>• <b>Dr. Tongxin Wang</b>, Chairman, Suzhou Hondol Material Co., Ltd.</li> <li>• <b>Dr. Huahong Zhao</b>, Chairman, Xi'an Xianlin Energy Technology Co., Ltd.</li> </ul>

Co-Hosts:



Co-Organizer:



## 17th Global Advanced PV Technology Conference

**Date:** 13-14 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Grand Ballroom 2+3 & Function Room 5+6

The Global Advanced PV Technology Conference provides an excellent platform for the world's PV experts and scientists to showcase and share the latest developments in solar energy technologies. Nowadays, the demand of PV industry to reduce the LCOE is becoming increasingly strong, and new integration trend of technology appears. The conference programme encompasses a wide scope of PV technologies, with a focus on different high efficient solar cell technologies, such as HJT/HIT, TOPCon and Perovskites, and Distributed and Floating Solar Systems, BIPV, as well as Solar PV O&M and Smart Grid Technologies.

Thursday, 13 June 2024		
<b>Session 1</b> (Grand Ballroom 2)	<b>PV Balance of System Components</b>	
	09:00-09:15	The application of distributed phase regulator in the wind power base at the weak end of power system Mr. Xiawei Liu Technology Director, TBEA Sunoasis Co., Ltd.
	09:15-09:30	Stimulate a wider application scenario of flexible bracket Mr. Shouying Li Shenzhen ATEC Clean Energy Co., Ltd.
	09:30-09:45	Application and Advantages of Linear Actuators in Photovoltaic Tracking Mounts Mr. Yong Yang Chairman, Ningbo Powernice Intelligent Technology Co., Ltd.
	09:45-10:00	Multiple scene applications of flexible bracket Mr. Chuntao He Director, DAS Solar Co., Ltd.
	10:00-10:15	Navigating Challenges in Large Scale Solar Projects Mrs. Surmai Kaushik Vice President Sales- AMEA, PV Hardware Middle East
	10:15-10:30	Application of Flexible Photovoltaic Support System in Smart Salt Field Photovoltaic Integrated Project Mr. Dan Liu Director of Civil Engineering Department, New Energy Design Department, The IT Electronics Eleventh Design & Research Institute Scientific and Technological Engineering Co., Ltd.
	10:30-10:45	Technical Study on the Stability of Solar Tracking System Mr. Jack Shen Chief Engineer, Jiangsu EverShine Energy Technology Co., Ltd.
	10:45-11:00	How the flexible support structure system withstands strong typhoons Mr. Jianguang Zhao R&D Director, Huiyao Pinshang Energy Technology (Jiaying) Co., Ltd.
	11:00-11:15	Research and development and innovative application of photovoltaic support system in large photovoltaic scenarios Mr. Zhenhua Wan General Manager, Suzhou JU Tracker Intelligent Technology Co., Ltd.
	11:15-11:30	Sungrow Power Supply Co., Ltd.
<b>Lunch</b>	12:00-13:00	

**Thursday, 13 June 2024**

<b>Session 2</b> (Grand Ballroom 2)	<b>Distributed PV and IPV Technologies</b>	
	13:00-13:15	Overview and Latest Trends in Floating Solar Dr. Thomas Reindl Deputy CEO, Solar Energy Research Institute of Singapore (SERIS), National University of Singapore (NUS)
	13:15-13:30	Key technologies for offshore Floating PV on Wind-solar hybrid power generation system Dr. Weiwu Wu Deputy General Manager, Sunshine Water Photovoltaic Technology Co., Ltd.
	13:30-13:45	New Horizons for floating photovoltaics: Opportunities and challenges of N-type modules Mr. Hanbo Yu (Leo) PV Solution Director, Jinko Solar Co., Ltd.
	13:45-14:00	2024 High quality development of household photovoltaic enterprises Mr. Hardy Sun President, GCL SUN
	14:00-14:15	Sungrow Power Supply Co., Ltd.
	14:15-14:30	Development View of BIPV Dr. Derek Fang Beijing Jinmao Green Building Co., Ltd.
	14:30-14:45	Mr. Boxiang Zhang SiNeng Electric Co., Ltd.
	14:45-15:00	ABC High Efficiency Module for Distributed Market Mr. Jiayu Ma Product Solution Manager, AikoSolar
	15:00-15:15	The application value of rectangular components in distributed projects Mr. Zengsheng Liu Director of Solution R&D Center, Hunan Red Solar New Energy Technology Co., Ltd.
	15:15-15:30	Huawei FusionSolar for a Sustainable Business Mr. Jiang Baoyu General Manager, Commercial and Industrial Smart PV Business of China, Huawei Digital Power
	15:30-15:45	Highly efficient ABC anti-glare lightweight module Mr. Huan Li PM Senior Engineer, AikoSolar
	15:45-16:00	LOTUS MODULE helps reducing costs and increasing efficiency in distributed photovoltaics Mr. Darren Deng Vice President and Distributed Business General Manager, GCL Integrated Global Marketing Center
	16:00-16:15	Application advantages of lightweight solar module in distributed projects Mr. Chao Zhuang Sales Director, Jiangsu Sunport Power Corp., Ltd.
	16:15-16:30	Streamlining BIPV Projects by Integrating Digital Workflows with Building Information Modeling (BIM) Dr. Tianyi Chen Research Fellow, Solar Energy Research Institute of Singapore (SERIS), National University of Singapore (NUS)
	16:30-16:45	Changzhou SRS New Material S&T Co., Ltd.
	16:45-17:00	Mr. Ming Chu Founder/Chairman, Zhejiang Mangan Modernhouse Intelligent Technology Co., Ltd.
17:00-17:15	Distributed PV investment and construction Mr. Tongfeng Chen Founder and General Manager, FX POWER TECH (SHAOXING) CO.,	

		LTD.
	17:15-17:30	Analysis of Jinko BIPV products and solutions Mr. Yunchao Diao BIPV Product Director, JinkoSolar
	17:30-17:45	Design and Selection Analysis of Ultra-Thin, Lightweight, and High-Efficiency N-Type Photovoltaic Products Mr. Kefei Zhao Senior Product Manager, Yingli Energy Development Co., Ltd.
	17:45-18:00	Urban Agrivoltaics: PV & Food generation in dense settings like Singapore Dr. Serena Lin Head of Urban Solar Solutions Group, Solar Energy Research Institute of Singapore (SERIS), National University of Singapore (NUS)

**Thursday, 13 June 2024**

<b>Session 3</b> (Grand Ballroom 3)	<b>Silicon Wafer Solar Cells and Auxiliary Materials</b>	
	08:30-09:00	The Evolution of c-Si Solar Cells and Auxiliary Materials with Integrated Manufacturing Dr. Peter Fath CEO, RCT Solutions GmbH
	08:45-09:00	Introduction of FBR polysilicon for high efficient n type PV application Dr. Tao Liu Deputy Director R&D Center for Silicon Materials, GCL Technology Holdings Limited
	09:00-09:15	Introduction and advantages of HPBC PRO cell technology promotion Mr. Hongbo Tong Head of No. 1 Branch, Central R&D Institute, LONGi Green Energy Technology Co., Ltd.
	09:15-09:30	Metallization Paste Solutions for New Mass Production Solar Cell Technology Dr. Walter Liu R&D Manager, Heraeus Photovoltaics (Shanghai) Co., Ltd.
	09:30-09:45	Lumina: Flexible and Light-Weight Front Panels - Make BIPV More Lithe Dr. Xiaojiao Cai R&D Engineer, NEWMAT (Beijing) Environmental Material Technology Co., Ltd.
	09:45-10:00	Dow's ENGAGE™ PV POE: Better choice for PV film used in bifacial modules Dr. Yuyan Li PV application technical leader from Dow Packaging & Specialty Plastics, Dow chemical
	10:00-10:15	Bangjie New Energy Technology Co., Ltd.
	10:15-10:30	SABIC creative solution in Photovoltaic Industry Mr. Wuping Song Chief Engineer, SABIC, China
	10:30-10:45	Photovoltaic efficiency enhancing functional coating technology Dr. Zhigang Yu Chief Scientist, Shanghai Nexolar New material Co. Ltd.
	10:45-11:00	Novel Anti-Polarization EVA Films for Enhanced Reliability in N-Type Cell Encapsulation Dr. Jaisen Xiong Vice President of Research Institute&CTO, Changzhou Betterial Film Technologies Co., Ltd.
	11:00-11:15	Composite Frame Weather-resistant Coating Solutions Mr. Liang Zhang General Manager, Changzhou Wisdom Bonding Material Co., Ltd.
	11:15-11:30	Advanced technology efficient measurement solutions for PV cells

		Mr. Allen Zhou Department Manager, TÜV Rheinland
	11:30-11:45	Dr. Junpeng Wan Technical Director, Hunan Kibing Solar Technology Co., Ltd.
	11:45-12:00	One of the effective solutions to reduce carbon footprint - copper crystal electrodes Mr. Lu Wang Partner, Jiangsu Xianghuan Technology Co., Ltd.
	12:00-12:15	Photovoltaic composite backsheet GFRP technology Mr. Steven Zhu Director of Marketing, WORLDLIGHT
<b>Lunch</b>	12:15-13:00	

**Thursday, 13 June 2024**

<b>Session 4</b> (Grand Ballroom 3)	<b>Silicon Wafer based PV Modules &amp; Quality Assurance</b>	
	13:00-13:15	Nominal power of PV modules compared to measured power in the calibration laboratory: Is there an increasing trend towards excessive nominal power? Dr. Ingrid Haedrich Head of Group Dgeradation Analysis, Fraunhofer Institute for Solar Energy Systems (ISE)
	13:15-13:30	Reliability for extreme weather: how to test the resilience to climate change Dr. Mauro Pravettoni Senior Director Solar Systems, Technology Innovation Institute, UAE
	13:30-13:45	Dr. Yan Wang CEO, Quantified Energy Labs, Singapore
	13:45-14:00	Current gain and loss study of BC solar cell to modules Mr. Xian Jiang Head of the Test and Research Department, Central R&D Institute, LONGi Green Energy Technology Co., Ltd.
	14:00-14:15	Repair and preventive maintenance of PV modules with degrading backsheets using flowable silicone sealant Mr. Rono Cao Technical Manager, High Performance Building, Dow
	14:15-14:30	Coming soon...
	14:30-14:45	Application value of ABC products in photovoltaic systems Mr. Han He Product Director, AikoSolar
	14:45-15:00	Design and Selection Analysis of PV Modules in all application Ms. Dajuan He Senior Product Technology Manager, JA Solar Technology Co., Ltd.
	15:00-15:15	Field performance is the gold standard for long-term reliability of materials Dr. Summer Xia DuPont Tedlar® Asia Pacific Technology Manager, DuPont China Holding Co., Ltd. Shanghai Branch
	15:15-15:30	Topcon status and development direction Mr. Win Wen Executive Director of Silicon Research Institute, GCL System Integration Technology Co., Ltd.
	15:30-15:45	High-efficiency n-type PV module roadmap for the industry Mr. Jason Xia PV module R&D Director of Tongwei
	15:45-16:00	Changzhou SRS New Material Technology Co., Ltd.
	16:00-16:15	Molecular spectroscopy technology provides analytical solutions for the photovoltaic industry chain



		Dr. Rui Hua Spectral Marketing Manager, Thermo Fisher Scientific Inc.
16:15-16:30		Climate High Reliability Assurance Technical for TOPCon and HJT PV modules Mr. Mint Yun CTO, Kiwa PI Photovoltaic-Institute (Suzhou) Co., Ltd.
16:30-16:45		The globalization process and trend of steel frames for PV modules Mr. Xiaofeng Huang General Manager, Anhui Caesar New Energy Technology Co., Ltd.
16:45-17:00		Vertex N 700W+ reliability analysis Mr. Lei Gao Director of Global Module product management & planning, Trina Solar
17:00-17:15		Reliability analysis of lightweight PV modules for distributed applications Ms. Shanshan Chen DuPont Tedlar® Technical Manager
17:15-17:30		AI Data-Driven Strategies and Decision-Making for Enhancing Photovoltaic Efficiency Mr. Joseph Wu Product Director / Expert of Big Data Application, Glorysoft
17:30-17:45		Technical solutions for accurate measurement of PV modules Mr. Jason Gao Technical Expert, TÜV Rheinland
17:45-18:00		Coming soon...

**Friday, 14 June 2024**

<b>Session 5</b> (Function Room 5+6)	<b>Solar PV System Design / O&amp;M and Smart Grid Technologies</b>	
	09:00-09:15	Comprehensive ecological cooperation to improve the intelligence of O&M for PV power plants Mr. Huang Chongyue President of Smart PV Management System and Service Business
	09:15-09:30	Power system analysis and software application in the design of overseas photovoltaic projects Mr. Wei Deng The IT Electronics Eleventh Design & Research Institute Scientific and Technological Engineering Co., Ltd.
	09:30-09:45	Reflection on Refined Operation and Maintenance of New Energy Stations under Data Transformation Mr. Haiyang Li R&D Director of NYOIAM Production and Operation Center, Nyocor Intelligent Maintenance (Ningxia) Technology Co., Ltd.
	09:45-10:00	Intelligent solution for the entire lifecycle of photovoltaic power plants Prof. Jianbo Bai Vice Dean of the School of New Energy, Hohai University
	10:00-10:15	Digitalization in upgraded smart tracking control system Mr. Kai Sun Head of Smart Tracker Control System, Trina Solar
	10:15-10:30	Empowering with intelligence, Rebuilding the Future - Comprehensive full-link digital operation solution for large-scale bases Mr. Xiaofei Li VP, Snegrid Technology Co., Ltd.
	10:30-10:45	Key points of large-scale photovoltaic project implementation in Central Asia Mr. Jianqiang Wang The IT Electronics Eleventh Design & Research Institute Scientific and Technological Engineering Co., Ltd.
	10:45-11:00	Utility-Scale Solution Base On ABC Technology Mr. Jianpeng Zhou



		Solution Senior Manager, AikoSolar
	11:00-11:15	Exploration and application of intelligent solutions for PV module installation in plateau areas Mr. Ying Qin PM (Product Manager), Trina Solar
<b>Lunch</b>	12:00-13:00	

Friday, 14 June 2024		
<b>Session 6</b> (Grand Ballroom 3)	<b>Thin Films and Perovskites (materials, cells, modules)</b> Chair: Prof. Ying Zhao, Chairman of College of Electronic Information and Optical Engineering, Nankai University Dr. Stanley Sun, Chairman, Polar Photovoltaics Inc.	
	08:30-09:00	Unlocking the Potential of Perovskite Solar Cells: from Single-Junction to Tandem Asst. Prof. Yi Hou Head of Perovskite-based Multijunction Solar Cell Group, Solar Energy Research Institute of Singapore (SERIS), National University of Singapore (NUS)
	08:45-09:00	All-perovskite tandem solar cells and modules Prof. Hairen Tan College of Engineering and Applied Sciences, Nanjing University
	09:00-09:15	Monolithic inorganic perovskite/silicon tandem solar cells Prof. Xiaodan Zhang Director of Insititute of Photoelectronic Thin Film Devices and Technology, Nankai University
	09:15-09:30	The Application of Tunnel oxide passivating contact (TOPCon) in the perovskite/c-Si tandem solar cells Dr. Jichun Ye Vice Director of New Energy Institute, Ningbo Institute of Materials Technology & Engineering, CAS
	09:30-09:45	TÜV Rheinland specification on the I-V characterization of perovskite-based PV modules Dr. Christos Monokroussos Global Segment Coordinator Solar, Head of Global Technical Competence Centres for Solar and R&D Solar & Commercial Products Greater China, TÜV Rheinland (Shanghai) Co., Ltd.
	09:45-10:00	The introduction of the Dry Process for TCO, HTL and ETL by a low damage four facing targets sputtering cathode on perovskite photovoltaic Mr. Jian Cui Sales manager, Keihin Ramtech Co., Ltd.
	10:00-10:15	KLA Optical/Stylus profiler applications in Crystalline Silicon/Perovskite solar cell manufacturing process Mr. Oskar Amster Director of Marketing, KLA Instruments
	10:15-10:30	Application of Low-Temperature Plasma Technology in Photovoltaic Equipment Mr. Zhiran Zhao Head of Products Dept., Hunan Red Solar Photoelectricity S&T Co., Ltd.
	10:30-10:45	The application of vacuum evaporation machine in the industrialization of perovskite and stacked batteries Mr. Xiaozhao Zhu R&D Director, Suzhou Fangsheng Optoelectronics Co., Ltd.
	10:45-11:00	Toray Slit-Die coating technology for scaling-up perovskite Mr. Katsumi Araki Technical Sales / Account Manager, Toray Engineering Co., Ltd.
	11:00-11:15	The development and future of flexible thin film photovoltaics technology

		Mr. Kevin Lu General Manager, Xuancheng Kaisheng New Energy Technology Co., Ltd.
	11:15-11:30	Low-resistance ultra-thin metal based transparent electrode for flexible perovskite PV Prof. L. Jay Guo Chief Scientific Officer, Zenithnano
	11:30-11:45	Perovskite PV Technology Dr. Bin Fan Chairman, Kunshan GCL Optoelectronic Material Co., Ltd.
	11:45-12:00	Manufacturing technology of perovskite photovoltaic panels Ms. Jun Shao CTO, UtmoLight Co., Ltd.
	12:00-12:15	SRI INTELLECTUAL
<b>Lunch</b>	12:15-13:00	

**Friday, 14 June 2024**

<b>Session 7</b> (Grand Ballroom 3)	<b>HIT/HJT and TOPCon Solar Cell</b>	
	13:00-13:15	From the Lab to the Field: Decoding Degradation at Cell, Module, and Field Level for SHJ and TOPCon Prof. Bram Hoex The University of New South Wales (UNSW)
	13:15-13:30	26+% efficient N-type TOPCon4.0 technology and future technology roadmap Dr. Dengyuan Song CTO, DAS Solar Co., Ltd.
	13:30-13:45	Dr. Radovan Kopecek Head of Department Strategy and Education, International Solar Energy Research Center Konstanz (ISC Konstanz)
	13:45-14:00	Trend of n-type TOPCon high-efficiency solar cells and modules technologies Dr. Alex Hsu CTO, Chint New Energy Technology Co., Ltd.
	14:00-14:15	Progress of advanced heterojunction technologies Dr. Fangdan Jiang Dean of PV R&D Institute, Tongwei Solar
	14:15-14:30	High throughput vacuum coating technology for SHJ, TOPCon, IBC edge passivation and the mass production for Perovskite solar cells Dr. Xuemei Chen R&D Director (China), SINGULUS TECHNOLOGIES AG
	14:30-14:45	An Hui Huasun Energy Co., Ltd.
	14:45-15:00	The introduction of the key technologies of QW Solar's ocean photovoltaics Mr. Sen Li Vice President of the Advanced Research Institute of Science and Technology, Shandong Quanwei New Energy Technology Co., Ltd.
	15:00-15:15	Development and Industrial Application of UV light Cure Adhesives designed for Zero Busbar technology Dr. Xu Liu Senior Engineer, Shanghai Nexolar New material Co. Ltd.
	15:15-15:30	Witness the Power of AI in Photovoltaic Industry Digitization Mr. Hua Cai Vice President of Hikrobot Domestic Marketing, Hangzhou Hikrobot Co., Ltd.
	15:30-15:45	Special conductive slurry scheme for laser carrier injection technology Mr. Zinan Zhang Director of Product Technology, Shanghai Branch, Solamet Electronic Materials Co., Ltd.

	15:45-16:00	Discussion on efficient and reliable encapsulation solution and technology of N-type PV cell Mr. Xi Jiang PM, Crown Advanced Material Co. Ltd.
	16:00-16:15	Efficient construction and energy-saving operation of photovoltaic cell factories Mr. Haizhong Cao Vice President, China Electronics System Engineering Second Construction Co., Ltd.
	16:15-16:30	N type passivated contact cell, from R&D to mass production Mr. Xiajie Meng Deputy Director of Technology Integration Department of Photovoltaic Technology Division, Tongwei Co., Ltd.
	16:30-16:45	ACE-10720 Fast Cure ECA for Shingling/Ribbon Connection in HJT Solar Cells Mr. Albert Liu General Manager, PROTAVIC INTERNATIONAL
	16:45-17:00	Expand the PV track and Enhance the production efficiency Dr. Kirel Tang CTO, Shanghai Shareway Environment Technology Co., Ltd.
	17:00-17:15	The Key Technologies and Future Prospects for Industrialization of Silicon Heterojunction Solar Cells Mr. Jianjun Liang Director of Technology, Shanghai Hency Solar Technology Co., Ltd.
	17:15-17:30	Outlook on Efficient TOPCon Module Encapsulation Technology Dr. Wusong Tao Deputy General Manager of R&D, Zhejiang Jinko Solar Co., Ltd.
	17:30-17:45	Development on industrialization technology of TOPCon solar cell Ms. Hongna Ma R&D Engineer of Solar Cell, Yingli Energy Development Co., Ltd.
	17:45-18:00	Advanced metallization technology and development of tandems on High performance TOPCon solar cells Mr. Zhao Wang Senior Researcher, Jinko Solar Co., Ltd.

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## Global Advanced PV + Storage Technology Conference

**Date:** 14 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Grand Ballroom 2

**Time:** 09:00-17:30

Photovoltaic, as one of the representative industries of “new quality productive forces”, its strategic position is increasingly prominent. In the process of photovoltaic technology development, photovoltaic and storage integration technology will play an essential role in alleviating the uncertainty of photovoltaic power generation and improving energy utilization efficiency. Against the backdrop of developing new productive forces, it is imperative to vigorously promote the integrated development of the photovoltaic and energy storage industries.

The Global Advanced PV+ES Technology Conference invites industry experts, scholars, leading enterprises, consulting institutions, and media in the fields of PV+ES to jointly explore photovoltaic and storage integration technology, new energy storage technology, and energy storage security, promote high-quality development of the PV+ES industry, actively promote the transformation of the national dual carbon and green economy, and the construction of new power systems, and contribute to the global energy transition.

Friday, 14 June 2024	
<b>Session 1</b> (Grand Ballroom 2)	<b>Batteries and ESS Technologies, Applications and Safety</b>
	09:00-09:30   Breakthrough Technology: 3777ah High-capacity Battery and Energy Storage System Product-Leading a New Chapter in Future Energy Storage Mr. Hongbao Guo President, Shaanxi Olympus Power Energy Co., Ltd.
	09:30-09:45   Development and application scenarios of a new electrochemical energy storage battery: Sodium-ion battery Mr. Chenshu Du Veken Technology Co., Ltd.
	09:45-10:00   The application of a new immersive thermal management system in large-scale energy storage Dr. Sancun Hao President, Zhangjiagang GCL Energy&Power Technology Co., Ltd.
	10:00-10:15   A look at the present and future of high-power PCS Mr. Bin Zhou Director of Solutions Department, Sineng Electric Co., Ltd.
	10:15-10:30   The application trend of IGBT modules in string energy storage Mr. Shikai Zhou Product Marketing Manager, NANJING NARI SEMICONDUCTOR CO., LTD.
	10:30-10:45   Focusing on Safety Itself - Safety Assessment of Energy Storage Systems Mr. Symbol Zhao Senior Energy Storage Consultant, DNV China
	10:45-11:00   Industrial and commercial energy storage system technology development trends Mr. Jie Jiang Deputy General Manager, Zhongneng Lithium Battery Technology Taizhou Co., Ltd.
	11:00-11:15   GigaDevice Semiconductor Inc.
	11:15-11:30   Application of high and low voltage signal acquisition connectors in battery modules and battery management systems Mr. Rock Lv TE Connectivity Industrial Product Manager

	11:30-11:45	How To Improve the Efficiency & Profitability of Your Solar Farms Mr. Asam Jiang TE Mgr Business Development
	11:45-12:00	Energy storage safety and market access technology solutions Mr. Stone Wang Vice General Manager, TÜV Rheinland
<b>Lunch</b>	12:00-13:00	

Friday, 14 June 2024		
<b>Session 2</b> (Grand Ballroom 2)	<b>Solutions and Integrated Technologies of PV + Storage System</b>	
	13:00-13:15	Gansu Jintuo Lithium Battery New Energy Co., Ltd.
	13:15-13:30	Dr. Fanpeng Zeng Chief Engineer, Jiangsu Linyang Energy Storage Technology Co., Ltd.
	13:30-13:45	Sungrow Power Supply Co., Ltd.
	13:45-14:15	Solutions of Analog Chips Applied in PV and Energy Storage System Ms. Iris Tian Technical Marketing, NOVOSENSE Microelectronics
	14:15-14:30	Dow Silicone Solutions in Renewable Energy Mr. Fred Feng TS&D Scientist, DOW
	14:30-14:45	TBEA PV and Energy storage system solution Mr. Zhaoying Liu Marketing Director, TBEA Sunoasis Co., Ltd.
	14:45-15:00	Towards a more sustainable future -- material solutions for the PV and energy storage industries Ms. Diana Ren Segment Marketing Manager, Business Entity Engineering Plastics, Covestro (Shanghai) Investment Co., Ltd.
	15:00-15:15	IoT Assists In the Refined Management of Integrated Sustainable Energy Ms. Daisy Yang Director of Tuya Smart New Energy Solutions Products
	15:15-15:30	The Development Trend of New Generation Efficient Energy Storage System Integration Technology Based on "4S" High Fused Mr. Roy Luo Vice General Manager of Smart Energy BG, EAST Group Co., Ltd.
	15:30-15:45	Application of Sigenergy's Integrated Solution of "PV + Energy Storage and Charging" in Domestic Scenarios under the Dual Carbon Target Mr. Rui Ma Vice President of Global Sales, Sigenergy Technology Co., Ltd.
	15:45-16:00	Mr. Henglian Wu Zhuzhou CRRC Times Electric Co., Ltd.
	16:00-16:15	Optical Storage Convergence Solution of New Power Systems Ms. Lei Feng Product Manager, Trina Solar
	16:15-16:30	Cross the Cycle, SunTera G2 Opens a new era of PV+ESS Mr. Jeff Zhou ESS Product Management Director, Jinko Solar Co., Ltd.
	16:30-16:45	Digital intelligence to promote the integration of PV and Storage Mr. Evie Yin ESS Solutions Senior Manager, JinkoSolar
	16:45-17:00	Thermal runaway and explosion-proof evaluation of large energy storage systems Mr. Simon Wang Senior Project Manager, TÜV Rheinland

## Workshop on Global PV Market – Outlook and Development Strategies

**Date:** Thursday, 13 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Function Room 5+6

**Time:** 13:00-16:00

PROGRAM		
Moderator: Ms. Sonia Dunlop, CEO, Global Solar Council (GSC)		
13:00-16:00	Presentation of the Global Solar Council	Mr. Máté Heisz Chair of the Board, Global Solar Council
	EU Market Outlook for Solar Power	Mr. Michael Schmela Executive Advisor & Head of Market Intel, SolarPower Europe
	Bridging Stakeholder Perspectives - Transition towards the Solar Energy Storage (SES)	Mr. Nikhil Jayaraj Researcher, Curtin University
	Overseas Business Expansion Strategy and Progress for Chinese ESS Providers: Insights and Prospects Review	Mr. Bo Yan Consulting Manager, M2 Consulting Co., Ltd.
	Country Market Presentation - Germany	Mr. Joerg Ebel President, Germany Solar Association (BSW Solar)
	Country Market Presentation - Argentina	Mr. Marcelo Alvarez President of Distributed Solar PV, Argentinean Chamber of Renewable Energy (CADER)
	Country Market Presentation - Philippines	Ms. Maria Theresa "Tetchi" Cruz Capellan President, Philippine Solar and Storage Energy Alliance (PSSEA)
	Country Market Presentation - Malaysia	Mr. Davis Chong President, Malaysia Photovoltaic Industry Association (MPIA)
	Opportunities and challenges from Australia's transition from coal to renewables	Mr. David Dixon Vice President - Australia Power & Renewables, Rystad Energy
	Unleashing Access to Energy in Rural Africa and Beyond through PAYGo Systems	Mr. Adrian Marius Radu SaaS Manager, Engie Mobisol GmbH

Co-Hosts:



## 7th Energy Interconnection Technologies and Application Summit

**Date:** Thursday, 13 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Grand Ballroom 1

**Time:** 10:00-18:00

In promoting new industrialization, President Xi emphasized that "the requirements of high-quality development should be put through the whole process of new industrialization, and a strong material and technological foundation should be built for Chinese path to modernization. During the investigation and research in Heilongjiang, it was emphasized to actively cultivate strategic emerging industries such as new energy, new materials, advanced manufacturing, and electronic information, as well as future industries, in order to accelerate the formation of new quality productivity and enhance new development momentum. And instruct the majority of scientific and technological workers to "effectively strengthen basic research, vigorously promote key core technology breakthroughs, and continuously consolidate the foundation for achieving high-level scientific and technological self-reliance and building a world science and technology powerhouse."

Under the background of the rapid development of the construction of new energy systems and the application of global AI technology in the industry, this summit will focus on the theme of **Promoting the Digitization of Energy, Empowering New Industrialization, and Accelerating the Achievement of the Dual Carbon Goal**. The forum will focus on promoting the high-quality and stable development of the photovoltaic industry and building a new type of power system with new energy as the main body from policy, planning, theory, scientific research, technology, standards, and practical applications aspects.

On the occasion of the 20th anniversary of the development of the photovoltaic industry, we will build an intelligent photovoltaic industry ecosystem, grasp the trends and laws of digital economy development, promote the integration and innovation of new generation information technology and the photovoltaic industry, and promote China's photovoltaic industry to continue moving towards the high-end of the global value chain.

The summit has diversity of topics such as new industrialization, digitalization and intelligence of energy, cloud platform, deep integration of source network, load storage, and cloud management edge, comprehensive smart energy, distributed smart grid, virtual power plant, AI, large models and algorithms, computing power, standard system, etc. The summit will invite local and global scholars, experts and professionals in the photovoltaic industry from governments, industries, universities, institutes and enterprises to participate in the presentations and discussions.

AGENDA		
<p><b>Chair: Mr. Wensheng Gao</b>, Professor Secretary General of China Energy Internet Alliance  <b>Co-Chair: Mr. Junwei Cao</b>, Information Technology Research Institute, Tsinghua University; Chief Scientist of SCER  <b>Co-Chair: Ms. Fengyun Zhao</b>, Chairman of the Comprehensive Smart Energy Professional Committee of the China Electric Power Technology Market Association  <b>Executive Director: Mr. Chengzhen Lin</b>, Senior Engineer, State Council Special Allowance Expert; Vice Chairman of Expert Committee of SNEC Organizing Committee</p>		
Time	Topics	Speakers
<p><b>Welcome Address &amp; Keynote Speech:</b>            Promoting the Digitization of Energy, Empowering New Industrialization, and Accelerating the Achievement of the Dual Carbon Goal            Moderator:  <b>Ms. Xinyuan Zhu</b>, Deputy Secretary-General of SNEC Organizing Committee and Shanghai New Energy Industry Association</p>		
10:00-10:15	<u>Opening remarks</u>	<p><b>Mr. Jinsong Liu</b>            Chairman of China Electric Power Development Promotion Association Carbon Peak and Carbon Neutrality Expert Committee, Founder of New Energy Cloud and Former Chairman of State Grid Xinjiang Electric Power Co., Ltd.</p>



10:15-10:30	<u>Keynote Speech 0.1</u> <b>Digitalization and Strong Power Grid Promote the Doubling Development of Renewable Energy</b>	<b>Mr. Yuanbing Zhou</b> Director of Economic and Technological Research Institute, Global Energy Interconnection Development and Cooperation Organization
10:30-10:45	<u>Keynote Speech 0.2</u> <b>Electric Power Standardization Work</b>	<b>Mr. Yongdong Liu</b> Deputy Secretary General, China Federation of Electric Power Enterprises
10:45-11:00	<u>Keynote Speech 0.3</u> <b>Construction of China's New Energy Base and New Quality Productivity</b>	<b>Mr. Jixue Wang</b> Deputy Chief Engineer of Electric Power Planning and Design Institute, President of New Energy Institute
<b>Theme 1: New Energy System Construction: Policies and New Industrialization</b> Moderator: <b>Ms. Fengyun Zhao</b> , Chairman of the Comprehensive Smart Energy Professional Committee of the China Electric Power Technology Market Association		
11:00-11:15	<u>Keynote Speech 1.1</u> <b>Integration of Cloud Computing and Energy Industry</b>	<b>Ms. Wei Li</b> Deputy Director, Cloud Computing and Big Data Research Institute, China Academy of Information and Communications Technology
11:15-11:30	<u>Keynote Speech 1.2</u> <b>Digital and Intelligent Operation of Comprehensive Energy</b>	<b>Mr. Wenge Zheng</b> CTO, GCL New Energy Operation Technology Co.
11:30-11:45	<u>Keynote Speech 1.3</u> <b>Blue Book on the Development of New Power Systems</b>	<b>Ms. Yating Wang</b> Deputy Director of the New Power System Research Department, China Electric Power Planning & Engineering Institute
<b>Theme 2: Construction of New Energy System: Planning, Regulations, and Standards System</b> Moderator: <b>Mr. Chengzhen Lin</b> , Senior Engineer, State Council Special Allowance Expert; Vice Chairman of Expert Committee of SNEC Organizing Committee		
11:45-12:00	<u>Keynote Speech 2.1</u> <b>New Energy System Standards and Development</b>	<b>Ms. Ling Lin</b> Chief Expert of Resources and Environment Branch of China Institute of Standardization
12:00-12:15	<u>Keynote Speech 2.2</u> <b>ESG standards help energy enterprises transform and develop: China's innovation and international practice rely on low-carbon investment and digital services to deepen low-carbon transformation in industrial parks</b>	<b>Ms. Wen Li</b> Dean of the Institute of Sustainable Development, China Alliance of Social Value Investment (CASVI)
12:30-13:30	Lunch	
<b>Theme 3: Building a new type of power system with new energy as the main body: energy digitization, deep integration of source, grid, load, storage and cloud, management, edge, end</b> Moderator: <b>Mr. Junwei Cao</b> , Information Technology Research Institute, Tsinghua University; Chief Scientist of SCER		
13:30-13:45	<u>Keynote Speech 3.1</u> <b>integrated development of source-grid-load-storage under energy transition</b>	<b>Mr. Zheyi Pei</b> Vice Director of Energy storage Committee, China Energy Research Society
13:45-14:00	<u>Keynote Speech 3.2</u> <b>Artificial intelligence based photovoltaic power prediction and photovoltaic equipment fault diagnosis</b>	<b>Ms. Dongxia Zhang</b> Senior Engineer, China Electric Power Research Institute



14:00-14:15	<u>Keynote Speech 3.3</u> <b>Energy routing - the fulcrum of energy digitization</b>	<b>Ms. Guoyu Tu</b> Researcher at the National Research Center for Information Science and Technology in Beijing, Tsinghua University
<b>Theme 4: Building a new type of power system with new energy as the main body: Distributed smart grid, virtual power plant, EMS</b> Moderator: <b>Mr. Junwei Cao</b> , Information Technology Research Institute, Tsinghua University; Chief Scientist of SCER		
14:15-14:30	<u>Keynote Speech 4.1</u> <b>Integrated system of solar, storage, hydrogen and charging in the park</b>	<b>Ms. Jieqiong Gan</b> EMS Manager, Toyota Shanghai
14:30-14:45	<u>Keynote Speech 4.2</u> <b>Multidimensional coordinated development of new power systems</b>	<b>Ms. Fengyun Zhao</b> Chairman of the Comprehensive Smart Energy Professional Committee of the China Electric Power Technology Market Association
14:45-15:00	<u>Keynote Speech 4.3</u> <b>Innovation in trustworthy application of energy information technology</b>	<b>Mr. Lianbin Cai</b> Deputy Office Director of the National Information Technology Application Innovation Base
<b>Theme 5: Building a new type of power system with new energy as the main body: Integrated smart energy, demonstration projects</b> Moderator: <b>Ms. Fengyun Zhao</b> , Chairman of the Comprehensive Smart Energy Professional Committee of the China Electric Power Technology Market Association		
15:00-15:15	<u>Keynote Speech 5.1</u> <b>Optimization scheduling technology for virtual power plants in the context of new power systems</b>	<b>Mr. Shunfu Lin</b> Vice Dean of the School of Electrical Engineering at Shanghai Electric Power University
15:15-15:30	<u>Keynote Speech 5.2</u> <b>Comprehensive energy services assist in the landing of virtual power plants</b>	<b>Mr. Jun Yuan</b> Head of Technical Planning Department, Beijing BOE Energy Technology Co., Ltd.
15:30-15:45	<u>Keynote Speech 5.3</u> <b>Create a zero-carbon logistics park to promote the green revolution of new energy transportation</b>	<b>Ms. Xiaoli Zhao</b> Chairman of Inner Mongolia Smart Logistics Carbon Neutral Research Institute
<b>Theme 6: Strengthening basic research and solidifying the foundation of technological self-reliance and self-improvement: IOT, edge computing and AI big models, algorithms and computing power</b> Moderator: <b>Mr. Chengzhen Lin</b> , Senior Engineer, State Council Special Allowance Expert; Vice Chairman of Expert Committee of SNEC Organizing Committee		
15:45-16:00	<u>Keynote Speech 6.1</u> <b>Inspiration of Sora's technology on promoting the digitalization of China's industry and achieving the dual carbon goal</b>	<b>Mr. Zhaoguang Hu</b> Former Vice Dean, State Grid Energy Research Institute
16:00-16:15	<u>Keynote Speech 6.2</u> <b>Computational fusion——The cornerstone of building a national integrated computing power system</b>	<b>Mr. Junwei Cao</b> Professor of Beijing National Research Center for Information Science and Technology, Tsinghua University
16:15-16:30	<u>Keynote Speech 6.3</u> <b>Research on Secure and Trusted Edge Access of New Energy Cloud Based on Domestic Chips and Operating Systems</b>	<b>TBC</b> Beijing Zhixin Microelectronics Technology Co., Ltd. (Inviting)
<b>Theme 7: Strengthening basic research and solidifying the foundation of technological self-reliance and self-improvement: carbon neutral support service platform, new power system service platform</b>		

<p>Moderator: <b>Ms. Xinyuan Zhu</b>, Deputy Secretary-General of SNEC Organizing Committee and Shanghai New Energy Industry Association</p>		
16:30-16:45	<p><u>Keynote Speech 7.1</u> <b>Relying on low-carbon investment and digital and intelligent services to deepen the low-carbon transformation of industrial parks</b></p>	<p><b>Mr. Wuhua Hu</b> Vice President, Towngas Energy Investment Co., Ltd.</p>
16:45-17:00	<p><u>Keynote Speech 7.2</u> <b>Collaborative efforts of "distributed photovoltaic+heat pump+distribution network transformation" to create a new type of zero carbon heating power system in rural areas</b></p>	<p><b>Mr. Jijiang He</b> Executive deputy director, Research center for energy transformation and social development, school of social sciences, Tsinghua university</p>
17:00-17:15	<p><u>Keynote Speech 7.3</u> <b>Research and Practice on the Path to Realizing the Value of New Energy Environmental Rights and Interests</b></p>	<p><b>Mr. Hanyun Wang</b> Dean of Huzhou New Energy Cloud Carbon Neutrality Research Institute</p>
<p><b>Panel Discussion: Promote energy digitization, empower new industrialization, and accelerate the achievement of the dual carbon target</b> Moderator: <b>Dr. Wei Wang</b>, Vice Director &amp; Chief Engineer, NARI Research Institute of State Grid Electric Power Research Institute</p>		
17:15-18:00	<p><b>Topics:</b></p> <ol style="list-style-type: none"> <li>1. How to promote the digitization of energy, empower new industrialization, and accelerate the achievement of the dual carbon goals?</li> <li>2. How to accelerate the formation of new quality productivity after 20 years' development of the photovoltaic industry?</li> <li>3. How to promote the digitization of new energy from important aspects such as policy, planning, theory, scientific research, technology, and standards?</li> <li>4. How to strengthen EMS research and build new power systems and distributed smart grids?</li> <li>5. How to apply artificial intelligence and industry models to the research on new power systems, equipment, components and software?</li> </ol>	<p><b>Panelists:</b></p> <p><b>Mr. Jin Xu</b> Executive Director and General Manager of Yanchang Petroleum Yan'an New Power Company</p> <p><b>Mr. Yingfeng Mou</b> Wuxi Haofeng Technology Agency</p> <p><b>Mr. Taihua Liu</b> Chairman, Beijing Agent Devote Power Technology Co., Ltd.</p> <p><b>Mr. Wenge Zheng</b> CTO, GCL New Energy Operation Technology Co.</p> <p><b>Mr. Junwei Cao</b> Professor of Beijing National Research Center for Information Science and Technology, Tsinghua University</p> <p><b>Mr. Chengzhen Lin</b> Senior Engineer, State Council Special Allowance Expert; Vice Chairman of Expert Committee of SNEC Organizing Committee</p>

Co-Hosts:



Co-Organizers:



能源互联网创新研究院  
Energy Internet Research Institute





**Energy Internet  
Standardization Technical  
Committee**



**清华大学 社会科学学院**  
School of Social Sciences, Tsinghua University

**Supporting  
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**Cloud Computing and Big Data  
Research Institute, China Academy of  
Information and Communications  
Technology**

**Carbon Peak and Carbon Neutrality  
Expert Committee, China Electric Power  
Promotion Council**

**Huzhou New Energy Cloud Carbon  
Neutrality Research Institute**

## 8th Advanced Graphene & New Materials Applied Technologies Summit

**Date:** Friday, 14 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Grand Ballroom 1

**Time:** 09:00-12:30

The new generation of artificial intelligence is the driving force behind technological leapfrog development, industrial optimization and upgrading, and overall productivity leap. President Xi attaches great importance to the development of artificial intelligence technology. And entrust the vast number of scientific and technological workers to promote the development of strategic emerging industry integration clusters, build a new generation of growth points such as information technology, artificial intelligence, biotechnology, new energy, new materials, high-end equipment, green environmental protection, etc.

New materials possess new physical properties that traditional materials do not possess. What innovative materials will the next generation of solar technology use? The research and development of technologies such as carbon 60, fullerene, graphene, and quantum dots have been favored by the Nobel Prize, and also promoting large-scale progress in human energy technology at the same time. Solar power generation has developed from PERC to technologies such as TOPCON and perovskite. Graphene has sparked deep research and development of carbon based and two-dimensional materials, but most of these technologies originate from overseas. We urgently need artificial intelligence to predict material innovation, predict material structure generation, and improve intelligent efficiency.

The Summit stands at a milestone in the 20-year development of photovoltaics, with the theme of **AI and New Material Solar Energy**, to discuss the application development of super material graphene, artificial intelligence prediction of new solar materials, and composite materials. We call on scientific research and industry workers to re-examine the material foundation and structure of solar energy from the perspective of the development of artificial intelligence, stimulate Chinese style material innovation, and promote the vigorous development of the next generation of solar energy technology in China.

AGENDA		
<b>Chair: Prof. Hongwei Zhu</b> , School of Materials Science and Engineering, Tsinghua University <b>Co-Chair: Prof. Shisheng Lin</b> , Department of Information Science and Electronic Engineering, Zhejiang University <b>Executive Director: Prof. Chengzhen Lin</b> , Senior Engineer, State Council Special Allowance Expert; Vice Chairman of Expert Committee of SNEC Organizing Committee		
Time	Topics	Speakers
<b>Opening welcome addresses: AI and New Material Solar Energy</b> Moderator: <b>Ms. Xinyuan Zhu</b> , Deputy Secretary-General of SNEC Organizing Committee and Shanghai New Energy Industry Association		
09:00-09:08	<u>Opening welcome address</u> <b>New materials and new energy</b>	<b>Mr. Dingming Xu</b> Former Counselor of the State Council; Vice Chairman of National Energy Expert Consultative Committee; Member of the National Expert Committee on Climate Change
09:08-09:15	<u>Opening welcome address</u> <b>AI and energy transformation</b>	<b>Prof. Hongwei Zhu</b> Professor at School of Materials Science and Engineering, Tsinghua University
<b>Theme 1: Review and Outlook on the Development of Solar Power Generation Technology Driven by New Materials</b> Moderator: Prof. Hongwei Zhu		
09:15-09:30	<b>The application of silicon materials in the field of new energy</b>	<b>Dr. Zhengrong Shi</b> Fellow of the Australian Academy of Technology and Engineering (ATSE);

		Professor of Shanghai University of Electric Power; Chairman of SUNMAN
09:30-09:45	<b>Semiconductor Physics Artificial Intelligence</b>	<b>Prof. Shisheng Lin</b> Department of Information Science and Electronic Engineering, Zhejiang University
<b>Theme 2: Development Trends and Prospects of Strategic Emerging Power Generation Technology and New Materials</b> Moderator: Prof. Chengzhen Lin		
09:45-10:00	<b>Research progress of graphene in the field of optoelectronics</b>	<b>Dr. Yichun Li</b> Secretary-General of China Innovation Alliance of the Graphene Industry
10:00-10:15	<b>Research on Preparation and Transfer Technology of Graphene Thin Films for Industrial Preparation</b>	<b>Mr. Xuesong Li</b> Professor at Shenzhen Institute for Advanced Study, UESTC
<b>Theme 3: Big Data Models and New Materials</b> Moderator: Prof. Shisheng Lin		
10:15-10:30	<b>Application of High Conductivity Graphene Copper Composite Materials</b>	<b>Mr. Guorong Wang</b> Vice President of CHINT (Zhejiang)
10:30-10:45	<b>Energy transition and new materials industry value opportunities</b>	<b>Mr. Peixu Li</b> Director of Green Development Research Center, Guotai Junan Innovation Investment Co., Ltd.
<b>Theme 4: New Qualitative Productivity Coupled with AI and Power Generation Technology</b> Moderator: Prof. Hongwei Zhu		
10:45-11:00	<b>Breakthroughs in TOPCon/perovskite series solar cells and potential advanced material applications</b>	<b>Ms. Jie Yang</b> R&D Director, Jinko Solar Co., Ltd.
11:00-11:15	<b>Water molecules and dynamic diode power generation</b>	<b>Mr. Huikai Zhong</b> College of Information Science & Electronic Engineering, Zhejiang University
<b>Theme 4: Special Topic on Innovative Applications of Composite Materials</b> Moderator: Mr. Bin Zhai, Vice Dean of China Environmental Protection Industry Research Institute		
11:15-11:30	<b>Outlook on the Application of Composite Materials in the Photovoltaic Industry</b>	<b>Mr. Rongqi Zhang</b> Secretary General, CCRA
11:30-11:45	<b>Innovative solutions for photovoltaic composite material frames</b>	<b>Mr. Zhaojun Liu</b> Marketing Director, Zhenshi Co., Ltd.
<b>Panel Discussion</b> Moderator: Prof. Shisheng Lin		

<p>11:45-12:30</p>	<p><b>Appeal to scientific research and industry staff:</b> Starting from the development of new AI, reexamine the material foundation we are in, thus stimulating the Chinese style material innovation force, promote the vigorous development of next-generation solar energy technology and its application in China.</p>	<p><b>Panelists:</b>  <b>Mr. Zhengrong Shi</b> Fellow of the Australian Academy of Technology and Engineering (ATSE); Professor of Shanghai University of Electric Power; Chairman of SUNMAN  <b>Prof. Hongwei Zhu</b> Professor at School of Materials Science and Engineering, Tsinghua University  <b>Mr. Xuesong Li</b> Professor at Shenzhen Institute for Advanced Study, UESTC  <b>Mr. Rongqi Zhang</b> Secretary General, CCRA  <b>Ms. Jie Yang</b> R&amp;D Director, Jinko Solar Co., Ltd.  <b>Mr. Huikai Zhong</b> College of Information Science &amp; Electronic Engineering, Zhejiang University  <b>Prof. Chengzhen Lin</b> Vice Chairman of Expert Committee of SNEC Organizing Committee</p>
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Co-Host:



Co-Organizer:



中国石墨烯产业技术创新战略联盟  
China Innovation Alliance of the Graphene Industry

Supporting Partners:





## 12th Global Green Energy and PV Financial Summit

**Date:** Friday, 14 June 2024

**Room:** InterContinental Shanghai Hongqiao NECC, Grand Ballroom 1

**Time:** 13:30-18:30

The 12th Global Green Energy and Photovoltaic Finance Summit coincides with the 20-year milestone in China's photovoltaic development and a new stage of stable and high-quality development in the photovoltaic industry. Green finance, as an emerging financial industry, provides strong financial support for the new energy industry through innovative financial tools and policy measures, and has become a key force in promoting the development of new energy. A demand for high-quality financial development is also evident at the same time. Therefore, the theme of this financial summit will be **Promoting the Development of High-Quality Photovoltaic Industry Through High-Quality Green Finance, Empower New Productive Forces in the Photovoltaic Industry, and Accelerate the Achievement of the Dual Carbon Goals.**

As a branded conference of SNEC for 12 consecutive years, the Financial Summit will gather senior experts, leading enterprises and stakeholders from green finance, photovoltaic and renewable energy industries to focus on discussing the new topics of **2024 Green Energy and Green Finance**, especially renewable energy is becoming the main body of energy consumption increment, the responsibility of green investment and the deep integration of financial technology and green finance, support for the construction of a carbon neutral green finance system, innovation and promotion of green finance products, as well as ESG and green transformation of financial institutions. Study how to play a digital driving role in technology development, new energy power station construction, operation, carbon trading, carbon footprint measurement, and carbon asset development services to build a new energy system, and enable a series of green financial tools to promote the new energy industry to play a greater and more sustainable role in achieving carbon peak and carbon neutrality goals.

AGENDA		
<b>Chairman: Mr. Burkhard Holder</b> , General manager, VDE Renewables <b>Executive Director: Ms. Xinyuan Zhu</b> , Deputy Secretary-General of SNEC Organizing Committee and Shanghai New Energy Industry Association; Member of Energy Investment Committee of China Investment Association Expert Committee; Member of Foreign Economic Cooperation Advisory Committee, China World Trade Organization Research Association		
Time	Topic	Speakers
13:30-13:35	<b>Opening remarks</b>	<b>Mr. Burkhard Holder</b> General Manager of VDE Renewable
<b>Theme 1: Entering the stage of high-quality development, green finance and new forms of green energy</b> Moderator: <b>Ms. Xinyuan Zhu</b> , Deputy Secretary-General of SNEC Organizing Committee and Shanghai New Energy Industry Association; Member of Energy Investment Committee of China Investment Association Expert Committee; Member of Foreign Economic Cooperation Advisory Committee, China World Trade Organization Research Association		
13:35-13:50	<u>Presentation 1.1</u> <b>Construction of market-oriented mechanism for photovoltaic power generation in China</b>	<b>Ms. Jingli Shi</b> Professor of Energy Research Institute, National Development & Reform Commission
13:50-14:05	<u>Presentation 1.2</u> <b>The Investment Value and Future of Zero Carbon Energy</b>	<b>Mr. Jie Zhang</b> Vice President & Secretary-General of Energy Investment Professional Committee, the Investment Association of China
14:05-14:20	<u>Presentation 1.3</u> <b>The Current Situation and Development of Carbon Market under the Background of Carbon Neutrality and Carbon Tariffs</b>	<b>Mr. Dewen Mei</b> Vice Chairman of China Beijing Green Exchange, Secretary General of Beijing Green Finance Association
14:20-14:35	<u>Presentation 1.4</u>	<b>Ms. Sinney Leung</b>

	<b>Protecting the long-term profitability of investments in solar</b>	Business Development Director, Green Tech Solution, Munich Reinsurance Company
14:35-14:50	<u>Presentation 1.5</u> <b>Financial plans/facilities to support green technology in Central Asia</b>	<b>Ms. Jyldyz Galieva</b> Deputy Director and Senior Banker, European Bank for Reconstruction and Development <b>Mr. Bakai Zhunushov</b> Bishkek Resident Office, European Bank for Reconstruction and Development
14:50-15:05	<u>Presentation 1.6</u> <b>Enterprise Credit Risk Management and High Quality and Safe Development in the New Stage of Green New Energy Industry Development</b>	<b>Mr. Yan Zou</b> President of FinancePro
<b>Theme 2: Practice and Achievements of Green Finance Transformation Empowering Dual Carbon Goals</b> Moderator: <b>Ms. Xinyuan Zhu</b> , Deputy Secretary-General of SNEC Organizing Committee and Shanghai New Energy Industry Association; Member of Energy Investment Committee of China Investment Association Expert Committee; Member of Foreign Economic Cooperation Advisory Committee, China World Trade Organization Research Association		
15:05-15:20	<u>Presentation 2.1</u> <b>Sustainable financial product innovation supports investment and financing of photovoltaic enterprises</b>	<b>Dr. Hongfeng Xu</b> Vice Secretary General of the Investment and Financing Committee of the China Environmental Protection Industry Association
15:20-15:35	<u>Presentation 2.2</u> <b>Industrial Finance Empowers the High-Quality Growth of Distributed Photovoltaic</b>	<b>Dr. Zheng Zhang</b> General Manager of PV Finance Business Department and General Manager of Industry Chain Finance Business Department, Huaneng Tiancheng Financial Leasing Co. Ltd
15:35-15:50	<u>Presentation 2.3</u> <b>Green leasing innovation based on accelerated reform of the electricity market</b>	<b>Mr. Haiwen Xu</b> Deputy Chief Economist of PowerChina Leasing Co., Ltd.; General Manager of Innovation and Development Department and Product Research and Development Department
15:50-16:05	<u>Presentation 2.4</u> <b>Analysis of the financial attribute of industrial and commercial new energy assets under the background of new power structure</b>	<b>Mr. Max Tian</b> Co-founder of Unisun Energy Group; President of Unisun Power
16:05-16:20	<u>Presentation 2.5</u> <b>Practice of commercial banks supporting distributed photovoltaic project financing</b>	<b>Ms. Rui Li</b> Director of Investment Banking Department, Shanghai Pudong Development Bank
16:20-16:35	<u>Presentation 2.6</u> <b>Progress in the Practice of Green Finance Supporting the Development of New Energy Industry</b>	<b>Mr. Renhu Tang</b> Chief Consultant for Climate Change and Energy Projects in China, World Business Council for Sustainable Development (WBCSD)
16:35-16:50	<u>Presentation 2.7</u> <b>Efficient Empowerment of New Clean Electricity Market through Industrial Finance</b>	<b>Mr. Zihong Jiang</b> Assistant General Manager and General Manager of Clean Power Business Unit, Jinyuanhuaxing Co., Ltd.



<p><b>Theme 3: Digitalization drives the development of green finance and green energy</b></p> <p>Moderator: <b>Ms. Xinyuan Zhu</b>, Deputy Secretary-General of SNEC Organizing Committee and Shanghai New Energy Industry Association; Member of Energy Investment Committee of China Investment Association Expert Committee; Member of Foreign Economic Cooperation Advisory Committee, China World Trade Organization Research Association</p>		
16:50-17:05	<p><u>Presentation 3.1</u> <b>ESG Intelligent Management Helps Green and Sustainable Development</b></p>	<p><b>Ms. Judy Li</b> Partner of Ernst&amp;Young</p>
17:05-17:20	<p><u>Presentation 3.2</u> <b>New energy meteorological big data empowers electricity trading, green certificate trading, and intelligent operation and maintenance</b></p>	<p><b>Dr. Jinping Tang</b> Vice President, Nanjing Qiyun Zhongtian Technology Co., Ltd.</p>
17:20-17:35	<p><u>Presentation 3.3</u> <b>Global supply chain carbon management trends and challenges for the new energy industry</b></p>	<p><b>Ms. Hazel Shao</b> Managing Director of Goolun Capital; Director of China Investment Association Energy Investment Committee</p>
17:35-17:50	<p><u>Presentation 3.4</u> <b>Program for PV industry of Ningbo Bank</b></p>	<p><b>Mr. Yiheng Ding</b> General Manager of Administration Dept. of Retail Company, Ningbo Bank Shanghai Branch</p>
<p><u>Panel Discussion:</u> <b>Moderator: Ms. Jingli Shi</b>, Professor of Energy Research Institute, National Development &amp; Reform Commission</p>		
17:50-18:30	<p><b>Theme:</b> <b>How to integrate green finance and photovoltaic industry into a high-quality development stage and drive digitalization</b></p> <p><b>Topics:</b></p> <ol style="list-style-type: none"> <li>1. What are the new situations and characteristics facing the green energy and photovoltaic industry in 2024? Under the new situation of photovoltaic industry development, how can green finance cooperate and assist?</li> <li>2. What are the new topics for green finance in 2024? How to enter high-quality development? How to integrate with financial technology; Support carbon neutrality goals; How to innovate and promote green financial products; How financial institutions can undergo green transformation;</li> <li>3. How to strengthen cross-border cooperation between green finance and the new energy industry, establish and improve cross-border cooperation mechanisms, promote coordination and cooperation among various departments, and jointly promote the development of green finance and the new energy industry?</li> <li>4. How ESG promotes high-quality development of financial institutions and new energy enterprises?</li> <li>5. How can financial institutions and new energy enterprises carry out digital management?</li> <li>6. How can AI technology, data-driven, achieve precise carbon peaking and intelligent carbon neutrality?</li> </ol>	<p><b>Speakers:</b></p> <p><b>Dr. Ye Tao</b> Deputy Director, Center for Renewable Energy Development, Energy Research Institute (NDRC)</p> <p><b>Mr. Sen Zhang</b> Secretary General, China Chamber of Commerce for Import &amp; Export of Machinery and Electronic Products</p> <p><b>Ms. Fang Yang</b> Director of Climate Change and Environment, Global Energy Interconnection Development and Cooperation Organization</p> <p><b>Mr. Limin Zhai</b> Energy Industry Managing Partner of PwC</p> <p><b>Dr. Hongfeng Xu</b> Vice Secretary General of the Investment and Financing Committee of the China Environmental Protection Industry Association</p> <p><b>Mr. Rui Jin</b> CEO, PCG Power</p>

	7. The impact of green finance on the development of new energy	
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Co-Host:



Supporting Partners:



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