

## 第十四届中国国际储能大会

2024 14th China International Energy Storage Conference

# 总议程表 – Agenda

2024/03/10-12 杭州国际博览中心

March 03.10-12, 2024 Hangzhou International Expo Center



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### CIES 第十四届中国国际储能大会

2024 14TH CHINA INTERNATIONAL ENERGY STORAGE CONFERENCE

#### 【会议议程】

大会总冠名: EVE

**会议时间:** 2024 年3月10-12日 **会议地点:** 杭州国际博览中心

会议主题: 共建储能生态链,共创储能新发展 主办单位: 中国化学与物理电源行业协会

3月12日 储能新品发布专场(二)

承办单位:中国化学与物理电源行业协会储能应用分会、中国储能网、数字储能网

4.20. 1 Tr. 11.	国化于与彻廷毛际门亚的公园能应用力公、不国国能的、处于国能的	
Day One	3月10日	
上午	大会开幕式暨院士/专家主题报告	北京厅
下午	"双碳"与新型电力系统专场 新型储能系统集成解决方案专场(上) 储能电站规划与设计专场 【独家冠名: 科华数能】 工业绿色微电网专场	西湖厅 广州厅 上海厅 深圳厅
晚上	"储能之夜"招待晚宴暨2024年度中国储能产业最具影响力系列奖项颁奖盛典	北京厅
Day Two	3月11日	
上午	国际储能专场 双碳与新型电力系统暨南网储能与可再生能源专场 【联合主办: //s/// 新型储能系统集成解决方案专场(中)	深圳厅 上海厅 广州厅
下午	储能检测、认证及标准专场 【独家冠名: 中国质量认证中心 】 储能温控系统与安全专场 【独家冠名: ニモボ新能源】 长时储能专场 【独家冠名: 外纬景储能】	深圳厅 上海厅 广州厅
Day Three	e 3月12日	
上午	工商业储能专场 新型储能资本市场专场 【独家冠名: <b>一中信证券</b> 】 新型储能系统集成解决方案专场(下)	上海厅 深圳厅 广州厅
下午	新型电力系统与储能电站建设专场 储能电站建设与运维专场 多功能(构网型与混合)储能专场	深圳厅 广州厅 上海厅
	3月11日-3月12日	
3月11日	储能新品发布专场(一)	C馆新品发布厅

注: 最终安排以大会当天公布为准!

C馆新品发布厅



#### [Agenda]

Total Title: **EVE** 

Date: March 10-12, 2024

Add: Hangzhou International Expo Center
Theme: Co-build Energy Storage Ecosystem

Co-create Energy Storage New Development

Organized by: China Industrial Association of Power Sources

**Hosted by:** CESA, China Energy Storage Network, Digital Energy Storage Network

Day One	March 10	
AM	Opening Ceremony	Beijing Hall
PM	"Dual Carbon" &New Electricity System	Xihu Hall
	New Energy Storage System Integration Solutions (I)	Guangzhou Hall
	Energy Storage Planning &Designing 【Total Title: 料华数能】	Shanghai Hall
	Industrial Green Microgrids	Shenzhen Hall
АМ	Energy Storage NightAward Ceremony for the Most Influential Series of Awards in China's Energy Storage Industry	Beijing Hall
Day Two	March 11	
AM	International Energy Storage	Shenzhen Hall
	Dual Carbon and New Power System and South Grid Total Title: Land South Grid Total Title:	Shanghai Hall
	New Energy Storage System Integrated Solutions(II)	Guangzhou Hall
PM	Energy Storage Verification, Certification& Standards 【Total Title:	中国质量认证中心】 Shenzhen Hall
	Energy Storage Temperature Control Systems &Safty Total Title:	三花新能源 】 Shanghai Hall
	Long Duration Energy Storage Technologies 【Total Title:    纬景储	能】 Guangzhou Hall
Day Three	e March 12	
AM	Industrial &Commercial Energy Storage	Shanghai Hall
	New Energy Storage Capital Market 【独家冠名: ⑩中信证券】	Shenzhen Hall
	New Energy Storage System Integration Solutions (III)	Guangzhou Hall
PM	New Power System & Energy Storage Station Construction	Shenzhen Hall
	Energy Storage Station Construction & O&P	Guangzhou Hall
	Multi-functional Energy Storage(Grid-forming &Hybrid)	Shanghai Hall
	March 11-March 12	
3.11	Energy Storage New Products Release(I) C H	Hall New Products Release Area
3.12	Energy Storage New Products Release(II)	Hall New Products Release Area

Note: The final agenda shall prevail on the day of event.

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#### 开幕式、院士与专家主旨报告

#### 3月10日上午 2F 北京厅

<b>土柱</b>   防 小	# 中国化学与物理电源行业协会储能应用分会副秘书长/清华四川能源互联网
	₩ 中国化学与物理电源行业协会储能应用分会副秘书长/有毕四川能源互联网 绿色储能研究所所长
8: 30-8: 45	嘉宾介绍   <b>大会主办方致辞:</b>
8: 45-9: 15	
	<b>王泽深</b>
	<b>行业主管部门领导致辞:</b>   <b>罗晓丽</b>
	夕晚前
	<b>待必</b> 新兴政府   <b>唐令华</b>
	<b>港受国</b>
	<b>李建标</b>
	<b>百季</b>
	<b>崔 剑</b>
	<b>吴建斌</b>   长兴太湖能谷科技有限公司董事长
	<b>魏 琼</b> 美克生能源董事长
9: 15-9: 25	2024年度中国储能产业年度功勋人物系列奖项颁奖典礼
9: 25-9: 45	演讲题目:从新质生产力视角看储能产业发展
7. 23 7. 43	—— <b>刘亚芳</b> 浙江大学兼职教授、国家能源局科技司原副司长
9: 45-10: 05	演讲题目: 长时储能
	—— <b>赵天寿</b> 中国科学院院士、南方科技大学碳中和能源研究院院长
10: 05-10: 25	演讲题目:长时储能与全球经济脱碳的推动
	——Julia Souder 长时储能委员会首席执行官
10: 25-10: 45	演讲题目:液态阳光燃料:规模化安全长时储能技术
	—— <b>李 灿</b> 中国科学院院士、中国科学院大连化学物理研究所研究
	员
10: 45-11: 00	演讲题目:技术和质量双引擎,加速储能规模化
	—— <b>陈翔</b> 武汉亿纬储能有限公司总裁
11: 00-11: 15	演讲题目:光储融合下的储能技术发展趋势
	—— <b>杨 凯</b> 江苏天合储能有限公司储能产品研究院院长、博士
11: 15-11: 30	演讲题目:新形势下储能的"时"与"势"
	—— <b>姜新宇</b> 广州智光储能科技有限公司董事长
11: 30-11: 45	演讲题目:双碳背景下电化学储能展望
	——侯 铎 比亚迪储能及新型电池事业部全球市场营销总监
11: 45-12: 00	
	——赵 宏 国家发改委价格成本和认证中心处长
12: 00-12: 15	
	——郑耀东 中国南方电网公司专家委专职委员、特级战略技术专家
□ 14 \\\ ₹□ \\ \ \	以当天发布为准!

最终议程以会议当天发布为准!

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#### **Opening Ceremony**

#### March 10 AM 2F Beijing Hall

8:30-8:45	VIP Introduction
8:45-9:15	Conference Organizer Speech:
	Zeshen WANG, Secretary of China Industrial Association of Power Sources
	Industry Authority Leaders' Speech:
	Xiaoli LUO, Director, Energy Conservation Division, Department of Energy Conservation and Comprehensive
	Utilization, Ministry of Industry and Information Technology
	Special Guests Speech:
	Linghua TANG, Chairman, CITCC
	Aiguo Pei, General Manager of Science and Technology Information Equipment BU., China Energy Engineering
	Group Co., Ltd.
	Jianbiao Li, Vice President/Chief Engineer, China Huadian Engineering Co. Ltd
	Xiubing GAO, CEO, President, Zhejiang Narada Power Source Co., Ltd.
	Jian CUI, President, Xiamen Kehua Digital Energy Tech Co., Ltd
	Jianbin WU, Chairman, Changxing Taihu Electric Corporation
	Qiong WEI, Chairman, MS Energy
9:15-9:25	Award Ceremony for The Meritorious Figures of China Energy Storage Industry of The Year 2024
9:25-9:45	Speech Title: Energy Storage Industry Development from the Perspective of New Quality Productivity
	Yafang LIU, Part-time Professor of Zhejiang University, Former Deputy Director of Science & Technolog
	Division of NEA
9:45-10:05	Speech Title: Long-duration Energy Storage
	——Tianshou ZHAO, Academician, Chinese Academy of Sciences
10:05-10:25	Speech Title: Long Duration Energy Storage and the Global Push For Economic Decarbonization
	——Julia Souder, CEO, Long Duration Energy Storage Council
10: 25-10: 45	Speech Title: Liquid Sunshine: A Practical Strategy for Scalable and Long Term Energy Storage
	——Can LI, Academician, Chinese Academy of Sciences/ Dalian Institute of Chemical Physics
10: 45-11: 00	Speech Title: Dual Engine of Technology and Quality to Accelerate the Scale-up of Energy Storage
	——Steven CHEN, President, EVE Energy Storage Co., Ltd.
11: 00-11: 15	Speech Title: Development Trend of Energy Storage Technology under the Integration of PV and Energy
	Storage
	——Dr. Kai YANG, Vice Dean of Energy Storage Institute, Trina
	Energy Storage Solutions (Jiangsu) Co., Ltd.
11: 15-11: 30	Speech Title: Energy Storage "Opportunity" and "Trend" under the New Situation
	——Xinyu JIANG, Chairman, Guangzhou Zhiguang Energy Storage Technology Co., Ltd.
11: 30-11: 45	Speech Title: Development Prospect of Electrochemical Energy Storage under "Dual Carbon" Background
	——Duo HOU, Global Marketing Director, Energy Storage & New Battery Dept., BYD
11: 45-12: 00	Speech Title: Functional Positioning and Price Formation Mechanism of Energy Storage in New Powe
	Systems
	Hong ZHAO, Director, Price Cost and Certification Center, National Development and Reform Commission
	(NDRC)
12: 00-12: 15	Speech Title: Battery Storage of the South Grid in Action Again

Note: The final agenda shall prevail on the day of event.

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#### "双碳"与新型电力系统专场 3月10日下午 1F 西湖厅

主持人: 袁明	晓冬 国网江苏省电力有限公司高级专家 
13:30-13:50	演讲题目:新型电力系统演化路径
	——鲁 刚 国网能源研究院有限公司能源战略与规划研究所所长
13:50-14:10	演讲题目:储能型虚拟电厂数智化探索与实践
	——周 群 长兴太湖能谷科技有限公司研发中心副总裁
14:10-14:30	演讲题目: 三电融合 智储一体 助力行业高质量发展
	—— <b>柯思宇</b> 阳光电源光储集团解决方案总监
14:30-14:50	演讲题目:打造新型电力系统下源网荷储碳数字聚合样本
	—— <b>李 堃</b> 美克生能源数字能源副总裁
14:50-15:10	演讲题目: 储能与新型电力系统
	——裴哲义 国家电网有限公司调度控制中心原副总工程师
15:10-15:30	演讲题目:新型电力系统构建下的熔盐储能技术
	——刘可亮 西子清洁能源装备制造股份有限公司新能源研发部部长
15:30-15:50	演讲题目:储能逆变器控制性能提升及复杂场景适应研究
	——张文平 锦浪科技股份有限公司首席专家
15:50-16:10	演讲题目:双碳目标下的新型电力系统构建与探索
	——辛超山 国网新疆电力有限公司经济技术研究院新型电力系统规划研
	究中心副主任
16:10-16:30	演讲题目:储能系统技术路线及零碳系统应用
	<b>——任 静</b> 中国电气装备集团河南许继电力电子有限公司储能产品技术
	总监、变流产品技术部经理
16:30-16:50	演讲题目: 电力级储能飞轮技术升级突破和应用
	—— <b>孟德超</b> 华驰动能(北京)科技有限公司执行总裁
16:50-17:10	演讲题目: 规模化电动汽车储能与电网互动仿真技术及应用
	—— <b>袁晓冬</b> 国网江苏省电力有限公司高级专家
17:10-17:30	演讲题目:双碳目标与新兴电力系统建设若干问题的思考
	—— <b>李俊峰</b> 红杉中国投资合伙人、中国能源研究会常务理事
17:30-17:50	演讲题目:新型电力系统碳排放一体化评估体系建设实践
	——刘 超 中国电科院碳中和研究中心低碳电力技术与评估研究室主任
	I .

最终议程以会议当天发布为准!

#### "Dual Carbon" and New Power Systems

#### March 10 PM 1F Xihu Hall

13:30-13:50	Speech Title: New Power System Evolutionary Paths
	——Gang LU, Director, Institute of Energy Strategy and Planning, State Grid Energy Research Institute Co.
13:50-14:10	Speech Title: Exploration and Practice of Digital Intelligence for Energy Storage-based Virtual Power Plants
	——Qun ZHOU, Vice President, R&D Center of Changxing Taihu Electric Corporation
14:10-14:30	Speech Title: Integration of Three Electric Technologies and Intelligent Storage to Assist the High Quality
	Development of the Industry
	Siyu KE, Solution Director of Sungrow PV & Storage BG
14:30-14:50	Speech Title: Building a Digital Aggregated Sample of Source-Grid-Load-Energy Storage-Carbon under the New
	Power System
	——Kun LI, Vice President, Digital Energy of MS ENERGY
14:50-15:10	Speech Title: Energy Storage and New Power Systems
	——Zheyi PEI, Former Deputy Chief Engineer, Dispatch Control Center, State Grid Corporation of China
15:10-15:30	Speech Title: Molten Salt Energy Storage Technology in New Electric Power System Construction
	— Keliang LIU, Director of New Energy R&D Department, Xizi Clean Energy Equipment Manufacturing Co., Ltd.
15:30-15:50	Speech Title: Research on Energy Storage Inverter Control Performance Improvement and Complex Scenario
	Adaptation
	——Wenping ZHANG, Chief Expert, Ginlong Technologies Co.,Ltd.
15:50-16:10	Speech Title: Construction and Exploration of New Power System under Dual Carbon Goals
	Chaoshan XIN, Deputy Director, New Power System Planning and Research Center, Research Institute of
	Economy and Technology, State Grid Xinjiang Electric Power Co.
16:10-16:30	Speech Title: Energy Storage System Technology Route and Zero Carbon System Application
	——Jing REN, Technical Director of Energy Storage Products, Manager of converter Product Technology Departmen
	China Electric Equipment Group, Henan XJ Power Electronics Co., Ltd.
16:30-16:50	Speech Title: Breakthrough and Application of Electric Power Level Energy Storage Flywheel Technology
	——Dechao MENG, Executive President of Huachi Kinetic Energy (beijing)Energy storage Technology Co., LTD
16:50-17:10	Speech Title: Scale-up Electric Vehicle Energy Storage and Grid Interaction Simulation Technology and
	Application
	——Xiaodong YUAN, Senior Expert of State Grid Jiangsu Electric Power Co.
17:10-17:30	Speech Title: Reflections on A Number of Issues Related to Dual-carbon Goals and The Construction of Emergin
	Power System
	——Junfeng LI, Investment Partner of Sequoia Capital China, Managing Director of China Energy Research Society
17:30-17:50	Speech Title: New Power System Carbon Emission Integration Assessment System Construction Practice
	——Chao LIU, Director, Low Carbon Power Technology and Assessment Research Office, Carbon Neutral Research
	Center, Chinese Academy of Electricity Sciences

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#### 新型储能系统集成解决方案专场(上) 2024年3月10日下午 1F广州厅

主持人: 王金浩	国网山西省电力公司电力科学研究院副院长
土村八: 工並行	国州山四有电力公司电力符子划 <b>元</b> 阮副阮 C
13:30-13:50	演讲题目:工商业储能场景拓展及价值提升 ——卓清锋 深圳国瑞协创储能技术有限公司总经理
13:50-14:10	演讲题目:《源网侧长时能量型飞轮储能的技术潜力》 ——孔昭松 天津市松正电动汽车技术股份有限公司董事长
14:10-14:30	演讲题目:新型电力储能应用及未来创新应用展望 ——于建华 浙江南都电源动力股份有限公司国内营销中心副总裁
14:30-14:50	演讲题目: 电源侧储能配置、运行控制及工程评价 ——王金浩 国网山西省电力公司电力科学研究院副院长
14:50-15:10	演讲题目: 电力/工商业储的产品形态与运维模式差异浅析 ——李晓龙 深圳市欣旺达能源科技有限公司工程技术总监
15:10-15:30	演讲题目:数字化技术构建储能新生态-数字化储能思考与实践 ——张 鹏  弘正储能(上海)能源科技有限公司副总经理
15:30-15:50	演讲题目:移动储能系统集成与发展 ——杨文辉 平高集团储能科技有限公司市场支持部副部长
15:50-16:10	演讲题目:什么样的储能BMS才能确保储能系统收益最佳 ——刘爱华 杭州科工电子科技股份有限公司董事长
16:10-16:30	演讲题目: 大规模储能电站安全运行管控 ——刘 骁 新源智储能源发展(北京)有限公司副总经理
16:30-16:50	演讲题目:新型电力系统源网荷储调节能力提升的思考与探索 ——王泽森 国网冀北电力有限公司电力科学研究院电网技术中心主任助 理
16:50-17:10	演讲题目:单机百兆瓦级构网型高压储能系统 ——汤 旭 广州智光储能科技有限公司技术总监
17:10-17:30	演讲题目:新一代储能设备全生命周期AI管理系统 ——陈雨思 浙江卧龙储能系统有限公司常务副总裁
17:30-17:50	演讲题目:浙江新型储能发展规划与配套机制研究 ——王岑峰 国网浙江经研院电网规划中心专职

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注: 最终议程以大会当天公布为准!

#### **New Energy Storage System Integrated Solutions (I)**

#### March 10 PM Guangzhou Hall

Host: Jinhao WA	NG, Vice President, Electric Power Research Institute, State Grid Shanxi Electric Power Co.
13:30-13:50	Speech Title: Commercial and Industrial Energy Storage Scenario Expansion and Value Enhancement
	—Qingfeng Zhuo, Vice President of Shenzhen Guorui Xiechuang Energy Storage Technology Co. Ltd.
13:50-14:10	Speech Title: Technical Potential of Long-Time Energy-based Flywheel Energy Storage at the Source
	Grid Side.
	—Zhaosong Kong, Chairman of Tianjin Songzheng Electric Vehicle Technology Co. Ltd.
14:10-14:30	Speech Title: New Power Energy Storage Applications and Outlook for Future Innovative Applications
	——Jianhua YU, Vice President, Domestic Marketing Center, ZHEJIANG NARADA POWER SOURCE
	CO.,LTD
14:30-14:50	Speech Title: Power Side Energy Storage Configuration, Operation Control and Engineering Evaluation
	— Jinhao WANG, Vice President, Electric Power Research Institute, Shanxi EPRI
14:50-15:10	Speech Title: An Analysis on the Differences in Product Formats and Operation and Maintenance Model
	of Electricity/Industrial and Commercial Storage
	Xiaolong LI, Deputy General Manager of Sunwoda Energy Technology Co., LTD
15:10-15:30	Speech Title: Digital Technology to Build A New Ecology of Energy Storage - Reflections and Practices of
	Digital Energy Storage
	— <b>Zhang PENG,</b> Deputy General Manager, Shanghai Hoenergy Power Technology Co.,Ltd
15:30-15:50	Speech Title: Mobile Energy Storage System Integration and Development
	Wenhui YANG, PINGGAO GROUP ENERGY STORAGE TECHNOLOGY CO.,LTD
15:50-16:10	Speech Title: What Kind of Energy Storage BMS Ensures The Best Energy Storage System Benefits?
	——Aihua LIU,. Chairman of Hangzhou Kgooer Electronic Technology Co., Ltd.
16:10-16:30	Speech Title: Safety Operation Control of Large-scale Energy Storage Power Station
	-Xiao LIU, Deputy General Manager of XYZ Storage Technology Corp.LTD
16:30-16:50	Speech Title: Thoughts and Explorations on the Enhancement of Source-Grid-Load-Storage Adjustmen
	Capability of New Power Systems
	—ZeSen WANG, Assistant Director, Power Grid Technology Center, Research Institute of Electric Power
	Science, State Grid Jibei Electric Power Co Ltd.
16:50-17:10	Speech Title: Stand-alone 100 MW Class Grid-forming High-voltage Energy Storage System
	——Xu TANG, Technical Director, Guangzhou Zhiguang Energy Storage Technology Co., Ltd.
17:10—17:30	Speech Title: Applications and Challenges of Distributed Energy Storage in the Industrial and
	Commercial Sectors.
	Siyu CHEN, Vice President of Wolong Energy Storage System, Ltd
17:30-17:50	Speech Title: Research on Development Planning and Supporting Mechanism of New Energy Storage in
	Zhejiang Province
	—Cenfeng WANG, Grid Planning Center, Zhejiang Economic Research Institute, State Grid

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#### 储能电站规划与设计专场

### 专场独家冠名: 料华数能

#### 3月10日下午 1F 深圳厅

N 11: 1	
主持人: 罗钟高	
13: 30-13: 50	演讲题目:新型储能相关政策及盈利模式分析
	—— <b>王 震</b> 中国电建集团吉林省电力勘测设计院有限公司能源规划研
	究中心系统处处长
13: 50-14: 10	演讲题目: 高比重水电系统储能配置方案研究
	——晏小彬 中国电力工程顾问集团西南电力设计院有限公司能源研究
	中心主任
14: 10-14: 30	演讲题目:新型储能系统全栈式高安全管控技术助力储能行业高质量发
	展 ····································
	—— <b>林金水</b> 厦门科华数能科技有限公司首席储能解决方案专家
14: 30-14: 50	演讲题目:储能的发展与展望
	<b>姜海</b> 水电水利规划设计总院新能源研究院副院长
14: 50-15: 10	演讲题目:储能在流域一体化基地中的应用
	——王社亮 中国电建集团西北勘测设计研究院有限公司副总工、规划
15 10 15 20	发展研究院书记
15: 10-15: 30	演讲题目:新型电力系统构建下储能发展趋势思考
15 20 15 50	——马士聪 中国电力科学研究院电力系统研究所副所长 演讲题目:能源变革下的蜂巢能源储能解决方案
15: 30-15: 50	一一高春鹏 蜂巢能源科技股份有限公司储能销售中心总经理
15: 50-16: 10	演讲题目: 大型压缩空气储能电站地面工程关键技术
13: 30-10: 10	—— <b>李 涛</b> 中国电力工程顾问集团西北电力设计院有限公司设计总工
	程师
16: 10-16: 30	演讲题目:推动降本增效、绿色转型——阿诗特能源如何助力全球企业
	脱碳
	<b>——花鸣</b> 江苏阿诗特能源科技股份有限公司销售副总经理
16: 30-16: 50	演讲题目:压缩空气储能技术案例分析
	—— <b>董 舟</b> 中国电建集团河北省电力勘测设计院研究院有限公司技术
	中心总经理
16: 50-17: 10	演讲题目: 江苏省共享储能建设实践与展望
	—— <b>蒋科</b> 中国能源建设集团江苏省电力设计院有限公司储能与配用
	电部主任
17: 10-17: 30	演讲题目: 新型电力系统下新型储能电站设计关键技术及应用实践
	—— <b>康 慨</b> 湖北省电力规划设计研究院有限公司副总工兼科创中心总
	经理
17: 30-17: 50	演讲题目: 站房式储能电站实践与思考
	—— <b>罗钟高</b> 中国能源建设集团浙江省电力设计院主任工程师
17: 50-18: 10	演讲题目: "双碳"目标下河南发展多元化储能对策研究
	——王 辰 河南省储能电站工程研究中心技术委员会主任

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注: 大会议程以会议当天公布为准!

#### **Energy Storage Station Planning and Designing**

**Sole Sponsor:** 



#### March 10 PM 1F Shenzhen Hall

Host: Zhongg	gao LUO, Chief Engineer, CHINA ENERGY ENGINEERING GROUP ZHEJIANG POWER DESIGN INSTITUTE Co., LTD.
13:30-13:50	Speech Title: Analysis of New Energy Storage Related Policies and Profit Models
	—Zhen WANG, Director of Systems Division, Energy Planning and Research Center, POWERCHINA JILIN ELECTRIC POWER
	ENGINEERING CO., LTD.
13:50-14:10	Speech Title: Study on Energy Storage Configuration Scheme for High Specific Gravity Hydropower System
	—Xiaobin YAN, Director, Energy Research Center, SOUTHWEST ELECTRIC POWER DESIGN INSTITUTE CO. LTD. of CHIN.
	POWER ENGINEERING CONSULTING GROUP
14:10-14:30	Speech Title: New Energy Storage System Full-stack High-security Control Technology to Help Energy Storage Industr
	High-quality Development
	——Jinshui LIN, Chief Expert for Energy Storage Solutions, Xiamen Kehua Digital Energy Tech Co., Ltd.
14:30-14:50	Speech Title: Development and Prospects of Energy Storage
	——Hai JIANG, Deputy Dean of New Energy Research Institute, China Renewable Energy Engineering Institute
14:50-15:10	Speech Title: Energy Storage in Watershed Integration Sites
	—Sheliang WANG, Vice Chief Engineer/ Secretary, Institute of Planning and Development, POWERCHINA NORTHWES
	ENGINEERING COPROATION LIMITED
15:10-15:30	Speech Title: Reflections on The Development Trend of Energy Storage Under the Construction of New Power System
	——Shicong MA, Deputy Director, Power System Research Institute, China Electric Power Research Institute
15:30-15:50	Speech Title: Energy Storage Solutions of SVOLT under The Energy Revolution
	——Chunpeng GAO, General Manager of Energy Storage Sales Center, SVOLT Energy Technology Co., Ltd.
15:50-16:10	Speech Title: Key Technology of Ground Engineering for Large-scale CAES Power Plant
	—Tao LI, Chief Design Engineer, NORTHWEST ELECTRIC POWER DESIGN INSTITUTE CO. LTD. of CHINA POWE
	ENGINEERING CONSULTING GROUP
16:10-16:30	Speech Title: Promoting Cost Reduction, Efficiency Improvement, and Green Transformation—How RCT Power Helps Globa
	Enterprises Decarbonize
	——Ethan Hua, Sales VP of RCT Power
16:30-16:50	Speech Title: Study on CAES Technology Cases
	— Zhou DONG, General Manager of Technology Center of POWERCHINE HEBEI ELECTRIC POWER ENGINEERING CO., LTD.
16:50-17:10	Speech Title: Shared Energy Storage Construction Practice and Prospect in Jiangsu Province
	Ke JIANG, Director of Energy Storage & Distribution Dept., CHINA ENERGY ENGINEERING GROUP JIANGSU POWE
	DESIGN INSTITUTE CO., LTD.
17:10-17:30	Speech Title: Key Technology and Application Practice of New Energy Storage Power Plant Design under New Power System
	Kai KANG, Vice Chief Engineer/ General Manager of Science and Innovation Center, POWERCHINA HUBEI ENGINEERING
	CO., LTD.
17:30-17:50	Speech Title: Practices and Reflections of Station-type Energy Storage Power Station
	—Zhonggao LUO, Chief Engineer, CHINA ENERGY ENGINEERING GROUP ZHEJIANG POWER DESIGN INSTITUTE Co
	LTD.
17:50-18:10	Speech Title: Countermeasures Research on the Development of Diversified Energy Storage in Henan under the Goal of "Double
	Carbon"
	——Chen WANG, Director of the Technical Committee, Henan Energy Storage Power Station Engineering Research Center

#### 工业绿色微电网专场

### 3月10日下午 1F 深圳厅

主持人:郭建斌	中国国际工程咨询有限公司首席规划师/主任/国务院特殊津贴专家
13: 30-14: 00	演讲题目:工业绿色微电网的典型特征与应用场景
	—— <b>车 璐</b> 中国国际工程咨询有限公司副主任
14: 00-14: 30	演讲题目:工业绿色微电网助力钢铁、石化行业和算力网高质量发展
	——戴 璟 清华大学能源互联网创新研究院能源治理研究中心副主任
14: 30-15: 00	演讲题目:储能支撑工业绿色微电网关键技术及典型应用
	—— <b>牛 萌</b> 中国电科院储能所高级工程师
15: 00-15: 30	演讲题目: 红豆工业城综合智慧能源管理的探索与实践
	—— <b>尤佳明</b> 江苏红豆能源科技有限公司副总经理
15: 30-16: 00	演讲题目: AI能源管理赋能工业绿色微电网
	——吴 天 上海极熵数据科技有限公司首席技术官
16: 00-16: 30	演讲题目:基于交直流混合微网的智慧工业园区建设与应用
	—— <b>张 猛</b> 北京电力设备总厂有限公司副总经理、总工
16: 30-17: 00	演讲题目:信承瑞工业绿色微电网实践应用
	—— <b>王刘成</b> 信承瑞技术有限公司总工

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注: 大会议程以会议当天公布为准!

#### **Industrial Green Microgrids**

#### March 10 PM 1F Shenzhen Hall

Host: Jianbin Gl	Host: Jianbin GUO, Chief Planner /Director of China International Engineering Consulting Corporation/ State Council	
Special Allowance Expert		
13:30-14:00	Speech Title: Typical Characteristics and Application Scenarios of Industrial Green Microgrids	
	——Lu CHE, Vice Director of China International Engineering Consulting Corporation	
14:00-14:30	Speech Title: Industrial Green Microgrids Help Steel and Petrochemical Industries and	
	Computing Net to Develop in High Quality	
	— Jing DAI, Vice Director of Energy Governance Research Center, Energy Internet Research	
	Institute, Tsinghua University	
14:30-15:00	Speech Title: Key Technologies and Typical Applications of Industrial Green Microgrids	
	Supported by Energy Storage	
	——Meng NIU, Senior Engineer of Energy Storage Division, CEPRI	
15:00-15:30	Speech Title: Exploration and Practice of Integrated Intelligent Energy Management in SRBE	
	Industrial Cities	
	——Jiaming YOU, Vice General Manager of SRBE	
15:30-16:00	Speech Title: AI Energy Management Empowers Industrial Green Microgrids	
	——Tian WU, CTO, Extreme Entropy Technology	
16:00-16:30	Speech Title: Construction and Application of Smart Industrial Parks Based on AC/DC Hybrid	
	Microgrids	
	— Meng ZHANG, Vice General Manager/ Chief Engineer, Beijing Power Equipment Group Co.,	
	LTD	
16:30-17:00	Speech Title: Centuray Industrial Green Microgrid Practice Application	
	——Liucheng WANG, Chief Engineer, Centuray Technology Co., LTD	

#### 国际储能专场 3月11日上午 1F 深圳厅

<b>主持人: 陈永翀</b> 中国化学与物理电源行业协会储能应用分会副秘书长/清华四川能源互联 网研究院研究员、绿色储能研究所所长		
8: 30-9: 10	文辞 致辞	
0. 50 7. 10	│ <del>──王泽深</del> 中国化学与物理电源行业协会秘书长	
	—— <b></b>	
	—— <b>准昌镐</b> 韩国储能产业振兴会会长	
9: 10-9: 40	演讲题目:推介菲律宾200MWh光伏发电厂储能项目	
	—— <b>任镇培</b> CYRUS代表理事	
	——赵东星 CYRUS理事	
9: 40-10: 10	演讲题目:海外中南美洲推广光伏电厂储能项目实例	
10: 10-10: 40	——南志铉 MOA E&C理事	
10: 10-10: 40	演讲题目:解构"工商业储能"国际运输痛点,探究全链路运输解决方案	
	——郑忠慧 深圳市惠恩国际货运代理有限公司董事长	
10: 40-11: 10	演讲题目:推介韩中储能出口合作基地及实行方案	
	——梁广植 光阳湾圈经济自由区域厅外资处长	
11: 10-11: 40	签约仪式:《合作框架协议书》	
	——成都武侯工业园管理委员会	
	——中国化学与物理电源行业协会储能应用分会	
	——韩国光阳湾圈经济自由区域厅	
	——韩国ESS产业振兴会	
11: 40-12: 10	演讲题目:海外储能行业的挑战与机遇	
	—— <b>戴 毅</b> 浙江南都电源动力股份有限公司国际营销中心副总裁	
12: 10-12: 40	演讲题目: 电池护照: 整合可持续能源储存和电池回收	
	——Ilai Bendavid 苏州博萃循环科技有限公司欧洲业务和政策发展经	
	理	

注: 大会议程以会议当天公布为准!

#### **International Energy Storage**

#### March 11 AM 1F Shenzhen Hall

	March 1174W1 11 Shenzhen 11an
Host: Yongchong CH	EN, Vice Secretary General of Energy Storage Application Branch of CIAPS/Director of Green Energ
Storage Institute, Sichua	an Energy Internet Research Institute, Tsinghua University
8:30-9:10	Special Guests Speech
	——Zeshen WANG, Secretary of China Industrial Association of Power Sources
	Song Sangrak, Head of Gwangyang Bay Area Free Economic Zone Authority
	——Choi Changho, Chairman of Korea Energy Storage System Industry Development Association
9:10-9:40	Speech Title: Promotion of 200MWh PV Power Plant Energy Storage Project in the Philippines
	Im Jinbae, Representative Director, CYRUS
	——Jo Dongseong, Director, CYRUS
9:40-10:10	Speech Title: Overseas Central and South America Promoting Examples of Energy Storage
	Projects for Photovoltaic Power Plants
	——Nam Jihyun, Director, MOA E&C
10:10-10:40	Speech Title: Deconstructing The Pain Points of International Transportation of "Industrial and
	Commercial Energy Storage" and Exploring The Solutions OF All-link Transportation
	Bob, Chairman, SHENZHEN HUIN INTERNATIONAL LOGISTICS CO.,LTD
10:40-11:10	Speech Title: Promotion of Korea-China Energy Storage Export Cooperation Base and
	Implementation Programs
	——Yang Kwangsik, Director of Foreign Investment, Gwangyang Bay Area Free Economic
	Zone Authority
11:10-11:40	Signing Ceremony: Cooperation Framework Agreement
	Chengdu Wuhou Industrial Park Management Committee
	Energy Storage Application Branch of China Industrial Association of Power Sources
	Gwangyang Bay Area Free Economic Zone Authority
	Korea Energy Storage System Industry Development Association
11:40-12:10	Speech Title: Overseas Energy Storage Industry Opportunities & Challenges
	——Yi DAI, Vice President, International Marketing Center, Zhejiang Narada Power Source Co., Ltd.
12: 10-12: 40	Speech Title: The Battery Passport: Integrating Sustainable Energy Storage and Battery
	Recycling
	——Ilai Bendavid, European Business and Policy Development Manager, Botree Recycling
	Technologies
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#### 双碳与新型电力系统暨南网储能与可再生能源专场



#### 3月11日上午 1F上海厅

○	
<b>  主持人: 杨银国</b>	
8: 30-8: 40	   嘉宾介绍
0. 30-0. 40	加州和
	71. The
8: 40-8: 45	致辞
	海洲師日
8: 45-9: 00	│ <b>演讲题目:新型储能应用与实践探索</b> │ <b>──杨银国</b> 广东电网电力调度控制中心副总经理
9: 00-9: 15	演讲题目:"城市电网源网荷储互动的探索与实践"
3. 00 3. 10	<b>——李 艳</b> 深圳供电局电力科学研究院院长
9: 15-9:30	演讲题目: "超级电容器+"混合储能在火电厂AGC辅助调频中的工程实践
7. 15 7.50	——罗 嘉 南方电网电力科技股份有限公司 新能源与储能事业部总经理
	演讲题目: 电化学储能电站火灾风险与设计标准修订
9: 30-9: 45	—— <b>陈</b> 满 南方电网调峰调频发电有限公司储能科研院院长
	, , , , , , , , , , , , , , , , , , ,
9: 45-10: 00	演讲题目:《独立调频电站在新型电力系统中的作用初探》
	<b>——陈 烨</b> 沈阳微控飞轮技术股份有限公司副总裁
10 00 10 15	演讲题目: 贵州新型储能的应用及实践
10: 00-10: 15	—— <b>文贤馗</b> 贵州电网有限责任公司电力科学研究院副总工程师
	演讲题目:电动汽车移动式储能与电网协调控制技术探索及应用
10: 15-10: 30	——庞松岭 海南电网有限责任公司电力科学研究院智能电网所所长
	演讲题目: "构建新型电力系统要协调推进储能发展"
10: 30-10: 45	<b>一一杨再敏</b>   南方电网能源发展研究院有限责任公司新能源研究所副所长
	7.7.
10: 45-11: 00	演讲题目: 先进配用电实境试验研究平台的建设与应用
	——周 柯 广西电网有限责任公司电力科学研究院副总经理
11: 00-11: 15	演讲题目:"储能大电池,亿纬更可靠"
	—— <b>刘石磊</b> 武汉亿纬储能有限公司解决方案中心高级经理
	演讲题目: 氢能在可再生能源存储和综合利用中的应用
11: 15-11: 30	<b>——郑 欣</b> 云南电网有限责任公司电力科学研究院技术专家
	圆桌对话:
11:30-12: 00	主题:新型储能如何在新型电力系统中发挥作用、如何实现价值?
	主持人: 郑耀东 中国南方电网公司专家委专职委员、特级战略技术专家
	<b>  对话嘉宾:</b> 待定

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注: 最终议程以大会当天公布为准!

#### **Dual Carbon and New Power System and South Grid Energy Storage and**

#### **Renewable Energy**



#### March 11 PM Shanghai Hall

	NG, Deputy General Manager, Guangdong Power Grid Power Dispatch Control Center
8:30-8:40	Guests Introduction
8:40-8:45	Special Guests Speech
08:45-9:00	Speech Title: New Energy Storage Application and Practical Exploration
00.10 7.00	——Yinguo YANG, Deputy General Manager, Guangdong Power Grid Power Dispatch Control Center
	Speech Title: "Exploration and Practice of Source-grid-load-storage Interaction in Urban Power Grids"
9:0 0-9:15	Yan LI, Director, Electric Power Research Institute, Shenzhen Power Supply Bureau
	Speech Title: Engineering Practice of "Supercapacitor+" Hybrid Energy Storage in AGC-Assisted FM of Therma
9:15-9:30	Power Plant
	— Jia LUO, General Manager, China Southern Power Grid Electric Power Technology Co., Ltd
9:30-9:45	Speech Title: Revision of Fire Risk and Design Criteria for Electrochemical Energy Storage Power Plants
7.30-7.43	— Man CHEN, President, Energy Storage Research Institute, Southern Power Grid FM Generation Co.
9:45-10:00	Speech Title:Exploring the Role of Independent Frequency Modulation Power Stations in New Power Systems
	——Ye CHEN, Vice President of Shenyang Vycon New Energy Technology Co., LTD
10:00-10:15	Speech Title: Application and Practice of New Energy Storage in Guizhou
10.00 10.13	— Xiankui WEN, Deputy Chief Engineer, Electricity Research Institute, Guizhou Power Grid Corporation
	Speech Title: Exploration and Application of Coordinated Control Technology for Electric Vehicle Mobile Energy
10:15-10:30	Storage and Power Grids
	Songling PANG, Director, Smart Grid Institute, Electric Power Research Institute, Hainan Power Grid Co.
	Speech Title: Building A New Power System to Coordinate Energy Storage Development
10:30-10:45	— Zaimin YANG, Deputy Director, New Energy Research Institute, Southern Power Grid Energy Development Research
	Institute Co.
	Speech Title: Construction and Application of Research Platform for Real-world Testing of Advanced Power
10:45-11:00	Distribution
	——Ke ZHOU, Deputy General anager, Electric Power Research Institute of Guangxi Power Grid Co.
11:00-11:15	Speech Title: Reliable Energy Storage with EVE's Big Batteries
11.00-11.13	
11.15 11.20	Speech Title: Hydrogen Energy in Renewable Energy Storage and Integrated Utilization
11:15-11:30	——Xin ZHENG, Technical Expert, Electricity Research Institute, Yunnan Power Grid Corporation
	Roundtable Dialogue: How Can the New Energy Storage Play Its Role and Realize Value in New Power Systems?
11:30-12:00	Host: Yaodong ZHENG, Full-committee Member, Senior Strategic Technologist, China Southern Power Grid
	Guests of honor: TBC

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#### 新型储能系统集成解决方案专场(中) 3月11日上午 广州厅

	3月11日工   / 川八
主持人: 赵晨旭	内蒙古电力集团经济技术研究院有限公司董事长
8: 30-8: 50	演讲题目: 电化学储能电站设计标准解读
	—— <b>张 宇</b> 国网上海市电力公司电力科学研究院高级技术专家
8: 50-9: 10	演讲题目:储能系统一体化集成架构设计与思考
	—— <b>周喜超</b> 国网综合能源服务集团有限公司系统集成中心负责人
0 10 0 20	演讲题目:新型储能系统中的PCS技术
9: 10-9: 30	—— <b>梁建钢</b> 北京晟运能源科技有限公司研发中心电力电子部经理
9: 30-9: 50	演讲题目:内蒙古新型储能盈利模式分析
9: 30-9: 30	——赵晨旭 内蒙古电力集团经济技术研究院有限公司董事长
9: 50-10: 10	演讲题目: 电化学储能在新型电力系统中的差异化发展和应用
9: 30-10: 10	—— <b>蒋世用</b> 格力钛新能源股份有限公司副总裁
10: 10-10: 30	演讲题目: 电力欠发达地区微电网解决方案
10: 10-10: 30	—— <b>朱见涛</b> 中腾微网(北京)科技有限公司副总经理
10: 30-10: 50	演讲题目:源网荷储协调优化调度促进新能源消纳
10: 30-10: 30	——耿建中国电力科学研究院有限公司电力自动化所优化调度研究室主任
	演讲题目:中车株洲所工商业储能系统解决方案
10: 50-11: 10	—— <b>易 康</b> 中车株洲电力机车研究所有限公司综合能源事业部产品管理中
	心解决方案部部长
11: 10-11: 30	演讲题目: 迭代加速, PCS的挑战与机遇
11: 10-11: 30	——王 正 深圳市禾望电气股份有限公司储能产品线技术支持经理
11: 30-11: 50	演讲题目:安徽新型储能发展概况及商业模式
11: 30-11: 30	—— <b>李世伟</b> 中国能源建设集团安徽省电力设计院有限公司储能部副经理
11: 50-12: 10	演讲题目: 热储能技术开发及应用
11: 30-12: 10	——朱光明 国网湖南省电力有限公司电力科学研究院一级科技领军专家

注: 最终议程以大会当天公布为准!

#### New Energy Storage System Integrated Solutions (II)

#### March 12 AM Guangzhou Hall

8:30-8:50	Speech Title: Interpretation of Design standards for Electrochemical Energy Storage Power Plants
	—Yu ZHANG, Senior Technical Expert of Electric Power Research Institute of State Grid Shanghai Electri
	Power Company
8:50-9:10	Speech Title: Design and Consideration of Integrated Energy Storage System Architecture
	——Xichao ZHOU, Head of System Integration Center, State Grid Integrated Energy Service Group Co., Ltd.
9:10-9:30	Speech Title:PCS technology in new energy storage systems
7.10 7.50	— Jiangang Liang, Manager of Power Electronics Department, R&D Center, Beijing Sheng Yun Energ
	Technology Co. Ltd.
0.20.0.50	Speech Title: Analysis of New Energy Storage Profitability Model in Inner Mongolia
9:30-9:50	Chenxu ZHAO, Chairman of Inner Mongolia Electric Power Group Economic and Technical Researc
	Institute Co.
9:50-10:10	Speech Title: Differentiated Development and Application of Electrochemical Energy Storage in Ne
	Power Systems
	——Shiyong Jiang, Vice President, GREE ALTAIRNANO NEW ENERGY INC.
10:10-10:30	Speech Title: Micro Grid Solutions for Undeveloped Areas of Electricity
10.10-10.50	—Jiantao ZHU, Deputy General Manager, Sino Soar Hybrid (Beijing) Technology Co., Ltd.
10:30-10:50	Speech Title: Optimized Dispatch of Source, Network, Load and Storage Coordination to Promote New
	Energy Consumption
	——Jian GENG, Director, Optimization Scheduling Research Department, Power Automation Institute, Chin
	Electric Power Research Institute Co.Ltd.
10:50-11:10	Speech Title: CRRC Zhuzhou Commercial and Industrial Energy Storage System Solutions
	— Kang YI, Head of Solutions Department, CRRC Zhuzhou Electric Locomotive Research Institute Co., Ltd
11:10-11:30	Speech Title: Iterative Acceleration, Challenges and Opportunities for PCS
11.10-11.50	—Zheng WANG,, Director of Technical Support for Energy Storage Product Lines of Shenzhen WoWan
	Electric Co, Ltd
11:30-11:50	Speech Title: Development Overview and Business Model of New Energy Storage in Anhui Province
	——Shiwei LI, Deputy Manager, Energy Storage Department, China Energy Construction Group Anhui
	Electric Power Design Institute Co. Ltd
11:50—12:10	Speech Title: Thermal Energy Storage Technology Development and Application
	——Guangming ZHU, First-class Leading Expert, Hunan EPRI

### 储能检测、认证及标准专场 专场独家冠名:中国质量认证中心 3月11日下午 1F深圳厅

主持人: 中国质	量认证中心 石磊
13: 30-13: 50	演讲题目: 构网型储能变流器控制及装备性能检验与认证 ——付 蕊 中国质量认证中心储能技术主管
13: 50-14: 10	演讲题目: 构网型控制在电力系统大规模应用的探讨 ——李文锋 中国电力科学研究院电力系统研究所副所长
14: 10-14: 15	CQC构网型储能变流器签约
14: 15-14: 35	演讲题目: UN38.3标准及储能电池运输介绍 ——侯逢文 中认英泰检测技术有限公司电池专业技术负责人
14: 35-14: 55	演讲题目: 储能电池新国标要点解读及工程应用 ——官亦标 中国电力科学研究院有限公司储能所副所长
14: 55-15: 15	演讲题目: 户用光储一体机标准认证标准解读 ——曹仁桀 中认南信(江苏)检测技术有限公司技术经理
15: 15-15: 35	演讲题目: 高品质储能产品制造管理,赋能全新一代工商业储能解决方案 ——杨 树 江苏为恒智能科技有限公司副总裁、国内销售负责人
15: 35-15: 40	CQC&为恒《储能产品未来制造白皮书》发布
15: 40-16: 00	演讲题目:储能系统检测要求与关键性指标应对措施 ——江智林 中检集团南方测试股份有限公司储能电池项目负责人
16: 00-16: 20	演讲题目: 2024储能系统标准和规范更新概述 ——乐艳飞 UL Solutions首席工程师
16: 20-16: 40	演讲题目:《VDE 2510-50 标准解析》 ——钱承景 TÜV北德高级项目工程师
16: 40-17: 00	演讲题目:储能站老化及风险评估方法研究 ——余华强 国家化学与物理电源产品质量监督中心技术总监
17: 00-17: 20	演讲题目: 零碳质量标准检测认证实验室与信息通信网络储能团体标准 ——杨 军 中国通信建设集团有限公司副总经理兼研究总院院长

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注: 最终议程以大会当天公布为准!

#### **Energy Storage Testing Certification and Standards**

**Sole Sponsor: CQC** 

#### March 11 PM 1FShenzhen Hall

13:30-13:50	Speech Title: Performance Inspection and Certification of Grid-forming Power Conversion System
	Rui FU, China Quality Certification Center Technical Supervisor
13:50-14:10	Speech Title: Discussion on the General Use of Grid-forming Control Technology in Power System ——Wenfeng LI, Power System Department of China Electric Power Research Institute
14:10-14:15	CQC Grid-forming Energy Storage Cooperation Ceremony
14:15-14:35	Speech Title: Introduction to UN38.3 Standard and Energy Storage Battery Transportation ——Fengwen HOU, Responsible for Battery Technology of CQC-Trusted (Jiangsu) Testing Technology Co., Ltd.
14:35-14:55	Speech Title: Interpretation of The Key Points of The New National Standard for Energy Storag  Batteries and Engineering Applications  —Yibiao GUAN, Deputy Director of Energy Storage, China Electric Power Research Institute (CEPRI)
14:55-15:15	Speech Title: Interpretation of Certification Standards for Household Hybrid Photovoltaic and Storage Converter  —Renjie CAO, Technical Manager of CQCTrusted(Jiangsu) Testing Technology Co., Ltd.
15:15-15:35	Speech Title: High-quality Energy Storage Product Manufacturing Management, Enabling a New Generation of Industrial and Commercial Energy Storage Solutions  ——Shu YANG, Sales & Marketing   Vice President of Jiangsu Weiheng Intelligent Technology Co., Ltd.
15:35-15:40	CQC&WEIHENG 《White Paper on Future Manufacturing of Energy Storage Products》
15:40-16:00	Speech Title: Energy Storage System Testing Requirements and Key Indicator Responses  —Zhilin JIANG, Energy Storage Battery Project Leader of CCIC Southern Testing Co., Ltd.
16:00-16:20	Speech Title: Overview of 2024 Energy Storage System Standards and Codes Update  ——Rebecca Le, Principal Engineer of UL
16:20-16:40	Speech Title: Explanation of the VDE 2510-50 Standard —Max Qian, Senior Project Engineer of TÜV NORD
16:40-17:00	Speech Title: Research on Aging and Risk Assessment Method of Energy Storage Station —Huaqiang YU, Technical Director of National Quality Supervision & Center of chemical And Physical Power Sources
17:00-17:20	Speech Title: Zero Carbon Quality Standard for Testing and Certification Laboratories and Group Standard for Energy Storage in Information and Communication Networks  — Jun YANG, Deputy General Manager and President of the Research Center, CHINA

#### 储能温控系统与安全专场



#### 3月11日下午 1F 上海厅

演讲题目: 电池储能系统热管理与安全管控 13: 30-13: 50	
13: 30-13: 30	院院长
演讲题目:储能系统热管理高效解决方案 13:50-14:10	
14: 10-14: 30 演讲题目: 储能工艺系统设备防爆安全	
—— <b>张 刚</b> 南阳防爆电气研究所副所长	
演讲题目: 壳牌冷却液的产品和应用	
—— <b>魏 巍</b> 壳牌(上海)技术有限公司冷却液技术经理	
演讲题目: 国际新法规下的冷媒方向及系统能效提升方案 14: 50-15: 10	
<b>高 帅</b> 三河同飞制冷股份有限公司高级产品经理	
15: 10-15: 30 演讲题目: 储能热管理及消防综合解决方案	
——倪安业 钧能(宁波)电源科技有限公司热管理事业部总监	
演讲题目: 锂电池热失控甚早期探测方案	
——朱 <b>炳</b> 威探新能源科技(上海)有限公司技术总监	
演讲题目:聚焦能效挑战 驱动零碳未来-储能液冷设备风机解决方案 15:50-16:10	
——周晓华 Regal Rexnord PES能效解决方案事业部高级产品经理	
演讲题目:数据中心电池舱室消防安全设计 16: 10-16: 30	
—— <b>郝爱玲</b> 应急管理部天津消防研究所副研究员	
演讲题目:储能及新能源应用防火研究和消防审验 16:30-16:50	
—— <b>汪茂海</b> 中国建筑科学研究院有限公司建筑防火研究所新能源安全	:中心主任
演讲题目: 威乐高效水泵助力储能产业发展	
16: 50-17: 10   <b>——黎 宁</b> 威乐(中国)水泵系统有限公司高级技术工程师	
演讲题目: 电化学储能电站火灾防控的探讨	
17: 10-17: 30   <b>——黄 昊</b> 应急管理部上海消防研究所第七研究室副主任	
演讲题目:抽蓄电站地下复杂空间火灾事故预防	
17: 30-17:50	!师

注: 最终议程以大会当天公布为准!

#### **Energy Storage Temperature Control Systems and Safety**



#### March 11 PM Shanghai Hall

13:30-13:50	Speech Title: Thermal Management and Safety Control for Battery Energy Storage Systems
	— Jun XU, Professor of Xi 'an Jiaotong University, Director of Digital Energy Institute, President of
	Energy Storage Inverter Research Institute
	Speech Title: Efficient Solution for Thermal Management of Energy Storage System
13:50-14:10	—Qiang Gao, Vice general manager of Sanhua Green Energy Thermal Management Technology
	(Hangzhou) Co. Ltd
	Speech Title: Safety of Ex equipment Used in Energy Storage Process System
14:10-14:30	——Gang Zhang, Vice President of Nanyang Explosion Protected Apparatus Research Institute
	Co.,Ltd.(CNEX)
14:30-14:50	Speech Title: Shell Immersion Cooling Product & Application
14.50-14.50	WeiWei, Product application specialist of Shell (Shanghai) Technology Limited
	Speech Title: Refrigerant Direction and System Energy Efficiency Improvement Solutions under
14:50-15:10	New International Regulations
	——Shuai GAO, Senior Product Manager of Sanhe Tongfei Refrigeration Co., Ltd
	Speech Title: Integrated Solution for Thermal Management and Fire Protection of Energy Storage
15:10-15:30	——Anye Ni, Director, Thermal Management Business Unit GS ENERGY (Ningbo) Power Technology
	Co.,Ltd
15:30-15:50	Speech Title: Hyper Early Detection & Protection Solution for Lithium Battery Thermal Runaway
13.30-13.30	Bing Zhu, Technical Director of V-TEC New Energy Technology (Shanghai) Co., Ltd.
	Speech Title: Focus on Energy Efficiency Challenges, Drive the Zero-carbon Future - Axial Fan
15:50-16:10	Solution for Energy Storage Liquid Cooling
	——Joe ZHOU, Senior Product Manager for PES Energy Efficiency Solutions, Regal Rexnord
	Speech Title: Fire Safety Design of Battery Cabin/Room in Data Center
16:10-16:30	——Ailing Hao, Associate Researcher of the Second Research Laboratory of Tianjin Fire Research
	Institute, Ministry of Emergency Management
	Speech Title: Fire Prevention Research and Fire Inspection for Energy Storage and New Energy
16:30-16:50	Applications
10.50-10.50	——Maohai Wang, Director of ChIna Academy of Bullding Research New Energy Safety Research
	Center, Institute of Building Fire Research
16:50-17:10	Speech Title: Speech Title: Wilo Hi-efficiency Pumps Solution in Energy Storage Industry
10.30 17.10	——Ning LI, Senior Technical Engineer of WILO CHINA LTD.
17:10-17:30	Speech Title: Discussion of Fire Prevention and Control in Electrochemical Energy Storage Power
	Stations
	——Hao Huang, Deputy Director of Fire Theory Section of Shanghai Fire Research Institute of Mem
	Speech Title: Prevention of Fire Accidents in Complex Underground Spaces of Pumped Storage
17:30-17:50	Power Station
	——Chang Liu, Senior engineer of China Electric Power Research Institute

#### 长时储能技术专场



#### 3月11日下午 1F 广州厅

主持人: 谢滨邓	大 纬景储能科技有限公司产学研高级专家
13: 30-13: 50	演讲题目:大规模长时储能技术 ——李先锋 中国科学院大连化学物理研究所研究员,副所长
13: 50-14: 10	演讲题目:全钒液流电池技术应用实践 ——吴卓彦 中国长江三峡集团有限公司高级工程师
14: 10-14: 30	演讲题目: 利用熔盐储能技术,让火电具备100%灵活性调节能力——俞明锋 浙江绿储科技有限公司副总工程师
14: 30-14: 50	演讲题目:新型储能与氢能协同发展战略 ——王小博 中国能建科信装备事业部科技发展处副处长
14: 50-15: 10	演讲题目: 锌铁液流电池: 长时储能领域的创新实践 ——陆双双 纬景储能科技有限公司业务发展总监
15: 10-15: 30	演讲题目:全钒液流电池储能技术在长时储能领域的应用 ——李晓宇 大连融科储能技术发展有限公司副总经理
15: 30-15: 50	演讲题目: 规模储能与新能源发展路径 ——闫渊 林源电力(南京)有限公司储能研究院院长
15: 50-16: 10	演讲题目:长时储能度电成本分析 ——李军 中能建数字科技集团有限公司总经济师
16: 10-16: 30	演讲题目:全钒液流电池关键材料研究与产业化分析 ——郑 磊 国润储能科技 (杭州)有限公司总经理
16: 30-16: 50	演讲题目:本质安全型铅碳电池储能解决方案与实践案例 ——刘心毅 吉林电力股份有限公司储能产业中心副主任
16: 50-17: 10	演讲题目:不同温度场景对电池初装成本的影响 ——郑晓昊 液流储能科技有限公司CEO
17: 10-17: 30	演讲题目:全钒液流电池系统集成关键技术的思考 ——李 鑫 合肥哈工储能科技有限公司教授
17: 30-17: 50	演讲题目:新型压缩空气储能关键技术及应用 ——郑天文 清华四川能源互联网研究院压缩空气储能研究所正高级工 程师
17: 50-18: 10	演讲题目:铁基液流电池技术开发与应用进展 ——张英 中石化(大连)石油化工研究院有限公司院新能源首席专家

注: 最终议程以大会当天公布为准!

#### **Long-duration Energy Storage**



#### March 11 PM 1F Guangzhou Hall

	Speech Title: Large-scale Long-duration Energy Storage Technologies
13:30-13:50	—Xianfeng LI, Professor, Deputy Director, Dalian Institute of Chemical Physics, Chinese Academy of
	Sciences, China
13:50-14:10	Speech Title: All-vanadium Liquid Current Battery Technology Application Practice
13.30-14.10	——Zhuoyan WU, Senior Engineer, China Three Gorges Corporation
	Speech Title: Utilizing Molten Salt Energy Storage Technology to Enable Thermal Power to Achieve
14:10-14:30	100% Flexibility in Regulation Capability
	——Mingfeng YU, Deputy Chief Engineer of Zhejiang Green Energy Storage Technology Co., Ltd.
	Speech Title: Strategy for Synergistic Development of New Energy Storage and Hydrogen Energy
14:30-14:50	Xiaobo WANG, Vice Dean of Technology Development Division, Technology &Information
	Equipment Dept., CEEC
14.50.15.10	Speech Title: Zinc-iron Flow Battery: Innovative Practice in Long Duration Energy Storage
14:50-15:10	——Shuangshuang LU, Director of Business Development, WeView Energy Storage Technology Co., Ltd.
	Speech Title: Application of All-vanadium Liquid Current Battery Energy Storage Technology in
15:10-15:30	Long-duration Energy Storage Field
	——Xiaoyu LI, Vice General Manager of Dalian Rongke Power Co., Ltd.
15:30-15:50	Speech Title: Large-scale Energy Storage Technology and new Energy Development Path
13.30-13.30	——Yuan YAN, President of Linyuan Electric Power Energy Storage Research Institute
15:50-16:10	Speech Title: Cost Analysis of Long-term Storage Energy
13.30-10.10	——Jun LI, Chief Economist of China Energy Construction Digital Technology Group Co., Ltd.
	Speech Title: Research and Industrial Analysis of Key Materials for Totavanadium Liquid Flow
16:10-16:30	Batteries
	——Lei ZHENG, General Manager of Green Energy(Hangzhou) Co., Ltd.
16.20 16.50	Speech Title: Intrinsically Safe Lead-Carbon Battery Energy Storage Solutions and Practical Cases
16:30-16:50	——Xinyi LIU, Deputy Director, Energy Storage Industry Center, JILIN ELECTRIC POWER CO., LTD.
16.50.15.10	Speech Title: Impact of Different Temperature Scenarios on Initial Battery Installation Cost
16:50-17:10	——Xiaohao ZHENG, CEO, Enerflow Technology Co., LTD.
	Speech Title: Reflections on the Key Technology of All-Vanadium Liquid Flow Battery System
17:10-17:30	Integration
	——Xin LI, Professor of Hefei Hagong Energy Storage Technology Co., Ltd
17:30-17:50	Speech Title: Key Technology and Application of New Compressed Air Energy Storage System
	— Tianwen ZHENG, Senior Engineer of Compressed Air Energy Storage Institute, Tsinghua Sichuar
	Energy Internet Research Institute
	Speech Title: Development and Application Progress of Iron-based Flow Battery Technology
17:50-18:10	——Ying ZHANG, Chief Expert of New Energy of the Academy, SINOPEC (Dalian) Research Institute o
	Petroleum and Petrochemicals Co., Ltd.

#### 工商业储能专场

#### 3月12日上午 1F 上海厅

主持人: 张宗毅	设 深圳南山热电股份有限公司安全生产和技术创新部副总监
8: 30-8: 45	演讲题目:浅谈工商业储能的数字赋能 ——张宗毅 深圳南山热电股份有限公司安全生产和技术创新部副总监
8: 45-9: 00	演讲题目:储能技术在智能微电网、虚拟电厂等新兴领域的应用与实践——潘多昭 南通乐创新能源有限公司董事长
9: 00-9: 15	演讲题目:不同工商业应用场景下储能盈利模式分析 ——李玉东 上海聚信海聚新能源科技有限公司总经理
9: 15-9: 30	演讲题目:阳光智储,工商业储能专家——白献罡 阳光电源国内工商业储能解决方案高级经理
9: 30-9: 45	演讲题目:会思考的储能:构建储能资产全生命周期智能化 ——张东宁 杭州轻舟科技有限公司联合创始人
9: 45 -10:00	演讲题目: 国内工商业储能定局之年的突围策略浅析 ——马金鹏 西安奇点能源股份有限公司营销总经理
10: 00-10: 15	演讲题目: 国内工商业储能市场突围 ——张 凯 苏州精控能源科技有限公司国内事业部副总监
10: 15-10: 30	演讲题目:零碳园区商业模式创新与与聚合管理——张宝磊 美克生能源光储业务版块副总裁
10: 30-10: 45	演讲题目:光储一体 工商赋能 ——冯 蕾 江苏天合储能有限公司储能产品经理
10: 45-11: 00	演讲题目: GREAT系列工商储智能化解决方案及场景探索 ——广州鹏辉能源科技股份有限公司
11: 00-11: 15	演讲题目:双一力工商业储能解决方案 ——李亚西 双一力(宁波)电池有限公司研发总工程师
11: 15-11: 30	演讲题目:储能系统的多场景应用 ——钱吉红 威胜能源技术股份有限公司工商储产品方案部 经理
11: 30-11: 45	演讲题目: 浙江工商业市场分析 ——汪湘晋 国网浙江电科院科技研发中心电池管理专职
11: 45-12: 00	演讲题目:数字化助力储能行业打造新质生产力 ——吴小倩 深圳市磅旗科技智能发展有限公司创始人、CEO

注: 最终议程以会议当天发布为准!

#### **Commercial and Industrial Energy Storage Session**

#### March 12 AM 1F Shanghai Hall

Host: Zongyi Z	HANG, Deputy Director of Safety Production and Technological Innovation, Shenzhen Nanshan Power Co., Ltd
8: 30-8: 45	Speech Title: An Introduction to Digital Empowerment for Commercial and Industrial Energy Storage
	Zongyi ZHANG, Deputy Director of Safety Production and Technological Innovation, Shenzhei
	Nanshan Power Co., Ltd.
8: 45-9: 00	Speech Title: Application and Practice of Energy Storage Technology in Smart Microgrid, Virtua
	Power Plant and Other Emerging Fields
	—— Duozhao PAN, Chairman of Nantong Lechuang New Energy LTD.CO
9: 00-9: 15	Speech Title: Analysis of Profitability Models of Energy Storage in Different Industrial and
	Commercial Application Scenarios
	Yudong LI, General Manager. Shanghai Juxin Haiju New Energy Technology Co., Ltd.
9: 15-9: 30	Speech Title: Sunshine Smart Storage, Industrial and Commercial Energy Storage Expert
	Xiangang BAI, Senior Manager of China I&C Energy Storage Solutions, Sungrow Power Supply
	Co.,Ltd
9: 30-9: 45	Speech Title: Thoughtful Energy Storage: Building Intelligent Energy Storage Assets Throughou
	Their Entire Lifecycle
	——Dongning ZHANG, Co-founder, Shenzhen Nanshan Power Co., Ltd.
9: 45 -10: 00	Speech Title: Analysis on Breakout Strategies in the Year of Domestic Industrial and Commercia
	Energy Storage Settlement
	Jinpeng MA, Marketing General Manager, XI'AN JDENERGY CO., LTD
10: 00-10: 15	Speech Title: Domestic Commercial and Industrial Energy Storage Market Breakout
	Kai ZHANG, Deputy Director, Domestic Business Unit iPotisEdge Co., Ltd.
10: 15-10: 30	Speech Title: Innovative Business Models and Aggregated Management in Zero-Carbon Industria
	—Baolei ZHANG, Business Director, Photovoltaic Storage Investment of MS ENERGY
10: 30-10: 45	Speech Title: Integration of Photovoltaic Storage and Business Empowerment
	—Lei FENG, Energy Storage Products Manager, Trina Energy Storage Solutions (Jiangsu) Co.,Ltd
10: 45-11: 00	Speech Title: GREAT Series Industrial and Commercial Storage Intelligent Solutions and Scenari
	Exploration
	Guangzhou Great Power Energy Technology Co., Ltd
11: 00-11: 15	Speech Title: Risen SYL C&I Energy Storage Solutions
	—Yaxi LI, R & D Chief Engineer, SYL (NINGBO) BATTERY CO., LTD.
11: 15-11: 30	Speech Title: Applications of BESS in different scenarios
	Jihong QIAN, Solutions Manager, Wasion Energy Technology Co., Ltd.
11: 30-11: 45	Speech Title: Zhejiang Industrial and Commercial Market Analysis
	Xiangjin WANG, Battery Management Specialist, Science and Technology Research and Developmen
	Center,
	Zhejiang EPRI
11: 45-12: 00	Speech Title: Digitalization Helps Energy Storage Industry to Create New Productive Forces
	Xiaoqian WU, Founder &CEO, SHENZHEN BANGQI TECHNOLOGY INTELLIGEN
	DEVELOPMENT CO., LTD

#### 储能资本市场专场

## 专场独家冠名: 4 中信证券

#### 3月12日上午1F 深圳厅

主持人: 吴威辰	· 中信证券研究部 电池与能源管理首席分析师 
0 20 0 50	演讲题目: 2024年储能产业趋势研判
8: 30-8: 50	— <b>吴威辰</b> 中信证券研究部 电池与能源管理首席分析师
8: 50-9: 10	演讲题目: 风物宜放眼 ——新能源坡长雪厚
0. 00 3. 10	— <b>党 政</b> 华能投资管理有限公司研究发展部总经理
0 10 0 20	演讲题目:新型储能发展趋势与投资机会
9: 10-9: 30	   <b>— 胡 晗</b> 三峡金石基金执行总经理、投决会委员
0.00.0.50	演讲题目:储能行业公司IPO及融资分享
9: 30-9: 50	— <b>金 波</b> 中信证券投行委执行总经理
9: 50-10: 10	演讲题目: 2024全球储能市场展望
<i>y.</i> 20 10. 10	— 李 航 国海证券研究所电力设备与新能源行业首席分析师
10: 10-10: 30	演讲题目:新形势下,峰和资本对储能行业投资与融资的思考 — 周博睿 峰和资本合伙人
10: 30-10: 50	演讲题目:股权投资基金视角看新型储能产业的发展与机遇
	— <b>李文龙</b> 上海金浦智能科技投资管理有限公司执行总经理
10 50 11 10	演讲题目:长时储能的投资机会
10: 50-11: 10	— <b>李 航</b> 东方江峡产投总经理
	演讲题目:长时储能发展趋势及投资机会分析
11: 10-11: 30	— <b>张 鹏</b> 长城证券股份有限公司能源转型研究中心主任
11: 30-12: 10	互动对话:  吴威辰 中信证券研究部 电池与能源管理首席分析师 党 政 华能投资管理有限公司研究发展部总经理 胡 晗 三峡金石基金执行总经理、投决会委员 金 波 中信证券投行委执行总经理 李文龙 上海金浦智能科技投资管理有限公司执行总经理 李 航 国海证券研究所电力设备与新能源行业首席分析师 周博睿 峰和资本合伙人 李 航 东方江峡产投总经理 张 鹏 长城证券股份有限公司能源转型研究中心主任

注: 最终议程以大会当天公布为准!

### **Energy Storage Capital Market**

Sole Sponsor: 中信证券

#### March 12 AM 1F Shenzhen Hall

	Speech Title: Research on 2024 Energy Storage Industry Trend
8:30-8:50	— Weichen WU, Chief Analyst, Battery and Energy Management, Research Dept., CITIC Securities
8:50-9:10	Speech Title: Huge Development Trend for New Energy Storgae
	— Zheng DANG, General Manager, Research and Development Department, Huaneng Investment Management Co.
	Speech Title: New Energy Storage Development Trend& Investment Opportunities
9:10-9:30	—Han HU, Member of the Investment and Decision-making Committee/ Executive General Manager, Three Gorges Goldstone Fund
	Speech Title: Sharing on Energy Storage Enterprises IPO and Financing
9:30-9:50	— Bo JIN, Executive General Manager, Investment Banking Committee, CITIC Securities
09:50-10:10	Speech Title: Outlook on 2024 Global Energy Storage Market
	— Hang LI, Chief Analyst, Power Equipment and New Energy Industry Dept., Guohai Securities Research Institute
10:10-10:30	Speech Title: Reflections on Investment and Financing in the Energy Storage Industry under the New Circumstance
	— Borui ZHOU, Partner, FENGHE CAPITAL
	Speech Title: Development and Opportunities of the New Energy Storage Industry from the Perspective of Equity
10:30-10:50	Investment Funds
	Investment runus
	— Wenlong LO, Executive General Manager, Shanghai Jinpu Intelligent Technology Investment Management Co.
	Speech Title: Investment Opportunities of Long Duration Energy Storage
10:50-11:10	
	— Hang LI, General Manager, Dongfang Jiangxia Industrial Investment
	Speech Title: Analysis on Long Duration Energy Storage Development Trend& Investment Opportunities
11:10-11:30	—Peng ZHANG, Director, Energy Transition Research Center, Great Wall Securities Co.
	Q&A
	Weichen WU, Chief Analyst, Battery and Energy Management, Research Dept., CITIC Securities
	Zheng DANG, General Manager, Research and Development Department, Huaneng Investment Management Co.
	Han HU, Member of the Investment and Decision-making Committee/ Executive General Manager, Three Gorges Goldstone
	Fund
11:30-12:10	Bo JIN, Executive General Manager, Investment Banking Committee, CITIC Securities
	Wenlong LI, Executive General Manager, Shanghai Jinpu Intelligent Technology Investment Management Co.
	Hang LI, Chief Analyst, Power Equipment and New Energy Industry Dept., Guohai Securities Research Institute
	Borui ZHOU, Partner, FENGHE CAPITAL
	Hang LI, General Manager, Dongfang Jiangxia Industrial Investment
	Peng ZHANG, Director, Energy Transition Research Center, Great Wall Securities Co.

#### 新型储能系统集成解决方案专场(下)

#### 3月12日上午 1F广州厅

主持人: 张东辉	清华四川能源互联网研究院系统混合仿真研究所所长
8: 30-8: 50	演讲题目:新型储能应用的关键政策和模式
	—— <b>黄碧斌</b> 国网能源研究院新能源所副所长
8: 50-9: 10	演讲题目: 构网型新型储能参与电力系统调频实践与展望
	—— <b>赵俊屹</b> 国网山西省电力有限公司调度中心教研员/教授级高工
9: 10-9: 30	演讲题目: 支撑新型电力系统的新型储能电站系统集成及运营支撑关
	键技术
	—— <b>曾繁鹏</b> 江苏林洋储能技术有限公司副总经理/总工程师
9: 30-9: 50	演讲题目:新型储能仿真与硬件在环研究与实践
	—— <b>张东辉</b> 清华四川能源互联网研究院系统混合仿真研究所所长
9: 50-10: 10	演讲题目: 新一代锂电储能系统的可靠性设计
	—— <b>王昌俊</b> 珠海冠宇集团储能系统中心总负责人
10: 10-10: 30	演讲题目:移动式储能电源应用技术及发展思考
	—— <b>王德顺</b> 国网上海能源互联网研究院有限公司储能应用技术中心
	主任
10: 30-10: 50	演讲题目:大功率IGBT模块的高效散热技术在PCS中的应用
	—— <b>郭向吉</b> 宁波亿储电气科技有限公司热管理专家
10: 50-11: 10	演讲题目:新型储能产品及系统检测认证最新进展
	—— <b>王德科</b> 北京鉴衡认证中心有限公司解决方案销售总监
11: 10-11: 30	演讲题目: 固态铅电池在储能的应用技术方案和案例
	<b>——刘 毅</b> 衡阳瑞达电源有限公司副总经理 
11: 30-11: 50	演讲题目:超级电容混合储能系统在风电场应用实例分享
	—— <b>孙坤凯</b> 西安合容新能源科技有限公司储能中心主任
11: 50-12: 10	演讲题目:新型电化学储能电池-钠离子电池开发介绍
	—— <b>杜晨树</b> 维科技术股份有限公司研究院执行院长 
12: 10-12: 30	演讲题目:基于国家电化学储能平台的储能安全管理及行业服务体系
	—— <b>杨 凯</b> 国网新能源云技术有限公司副总经理

注: 最终议程以会议当天发布为准!

#### **New Energy Storage System Integrated Solutions(III)**

#### March 12 AM 1F Guangzhou Hall

8:30-8:50	Speech Title: Key Policies and Models for New Energy Storage Applications
	——Bibin HUANG, Deputy Director, New Energy Institute, State Grid Energy Research Institute
8:50-9:10	Speech Title: Practice and Prospect of Grid-type Novel Energy Storage Participating in Power
	System Frequency Regulation
	— Junyi ZHAO, Teaching Researcher/Professorate Senior Engineer, Dispatch Center, State Grid
	Shanxi Electric Power Co., Ltd
9:10-9:30	Speech Title: Key Technologies for System Integration and Operation Support of New Energy Storage Power Stations Supporting New Power Systems
	——Fanpeng ZENG, Deputy General Manager/ of Jiangsu Lingyang Energy Storage Technology Co.,Ltd
9:30-9:50	Speech Title: Novel Energy Storage Simulation and Hardware-in-the-Loop Research and Practice
7.30-7.30	——Donghui ZHANG, Director of System Hybrid Simulation of Sichuan Energy Internet Research
	Institute Tsinghua University
9:50-10:10	Speech Title: Reliability Design of Next-generation Lithium-ion Energy Storage Systems
7.30 10.10	——Changjun WANG, Energy Storage System Center, General Manager of Zhuhai Guanyu Group
10:10-10:30	Speech Title: Mobile Energy Storage Power Application Technology and Development Thinking
	——Deshun WANG, Director, Energy Storage Application Technology Center of State Grid Shanghai
	Energy Internet Research Institute
10:30-10:50	Speech Title: Application of High Efficiency Heat Dissipation Technology of High Power IGB Module in PCS
	——Xiangji GUO, Thermal Management Specialist of NINGBO EETRUE ELECTRIC TECHNOLOGY
10.50 11.10	CO.,LTD
10:50-11:10	Speech Title: Latest Progress in Testing and Certification of New Energy Storage Products and Systems
	——Deke WANG, Solutions Sales Director, China General Certification Center
11:10-11:30	Speech Title: Application of Solid Lead Battery in Energy Storage
	——Yi LIU, Deputy General Manager of Hengyang Ritar Power Co., Ltd.
11:30-11:50	Speech Title: Example Sharing on Hybrid Energy Storage System with Supercapacitor in Wir Farm
	—Kunkai SUN, Director, Energy Storage Center, XIAN HERONG NEW ENERGY TECHNOLOG
	CO.,LTD.
11:50-12:10	Speech Title: ENew Electrochemical Energy Storage Battery-Sodium-ion Battery Development
11.50-12.10	Introduction
	—Clare Du, Executive Director of Veken Technology's Research Institute
12:10-12:30	
12.10-12.30	Speech Title: Energy Storage Safety Management and Service System Based on National Safe
	Monitoring Information Platform for Electrochemical Energy Storage Station

#### 新型电力系统与储能电站建设专场

#### 3月12日下午 1F 深圳厅

主持人: 渠展展 中	国电力科学研究院储能所储能集成运行技术研究室主任
13: 30-13: 50	演讲题目:储能助力新型电力系统 ——姜 鹤 南方电网综合能源股份有限公司新能源事业部技术与发展分部 副经理
13: 50-14: 10	演讲题目:虚拟电厂应用场景、关键技术与国标编制情况 ——张锋 国网浙江省电力有限公司技术专家
14: 10-14: 30	演讲题目:液冷储能系统用泵解决方案的应用研究 ——李学忠 南方泵业股份有限公司副总经理
14: 30-14: 50	演讲题目: 氢能"制输储用"全链条发展情况分析与新疆氢能发展的实践探索 ——陈伟伟 国网新疆电力有限公司经济技术研究院企业战略研究中心主任
14: 50-15: 10	演讲题目:福建电化学储能电站建设发展概况与调试试验经验分享 ——李智诚 国网福建省电力有限公司电力科学研究院储能所专家
15: 10-15: 30	演讲题目:新型储能技术路线、开发建设流程及商业模式分析 ——刘建波 中国能源建设集团浙江省电力设计院有限公司综合能源部副 主任
15: 30-15: 50	演讲题目:新型电力系统柔性负荷调控技术研究与实践 ——刘 萌 国网山东省电力公司电力科学研究院高级工程师
15: 50-16: 10	演讲题目: 储能系统构网能力评价与实践 ——渠展展 中国电力科学研究院储能所储能集成运行技术研究室主任
16: 10-16: 30	演讲题目:工业物联网时序数据库:助力新型电力系统和储能电站数智化 建设 ——黄向东 清华大学软件学院副研究员
16: 30-17: 00	互动对话: 姜 鹤 南方电网综合能源股份有限公司新能源事业部技术与发展分部副经理 张 锋 国网浙江省电力有限公司技术专家 李学忠 南方泵业股份有限公司副总经理 陈伟伟 国网新疆电力有限公司经济技术研究院企业战略研究中心主任 李智诚 国网福建省电力有限公司电力科学研究院储能所专家 刘建波 中国能源建设集团浙江省电力设计院有限公司综合能源部副主任 刘 萌 国网山东省电力公司电力科学研究院高级工程师 集展展 中国电力科学研究院储能所储能集成运行技术研究室主任 黄向东 清华大学软件学院副研究员

注: 最终议程以大会当天公布为准!

#### **New Power System & Energy Storage Station Construction**

#### March 12 PM 1F Shenzhen Hall

13:30-13:50	Speech Title: Energy Storage Powers New Power Systems
	& Clean Energy Co., Ltd.
13:50-14:10	Speech Title: Virtual Power Plant Application Scenarios, Key Technologies and Preparation of National Standards
13.30 14.10	—— Feng ZHANG, Technical Expert of State Grid Zhejiang Electric Power Co., Ltd.
14:10-14:30	Speech Title: Application Research of Pump Solutions for Liquid-cooled Energy Storage Systems
	—— Xuezhong LI, Vice General Manager of Nanfang Pump Industry Co., Ltd.
	Speech Title: Analysis of Development Situation of China Hydrogen Energy Industry Chain and Practica
14:30-14:50	Exploration of Hydrogen Energy Development in Xinjiang
1 1.50 1 1.60	
	Xinjiang Electric Power Co.
	Speech Title:Experience Sharing on Fujian Electrochemical Energy Storage Power Plant Construction Development
14:50-15:10	Overview and Commissioning Test
	——Zhicheng LI, Director of Energy Storage Research Team, Fujian EPRI
	Speech Title: Analysis of New Energy Storage Technology Routes, Development and Construction Processes an
15:10-15:30	Business Models
13.10-13.30	Jianbo LIU, Deputy Director of Comprehensive Energy Department China Energy Engineering Group Zhejian
	Electric Power Design Institute Co., Ltd
	Speech Title: Research and Practice of New Power System Flexible Load Regulation Technology
15:30-15:50	Meng LIU, Senior Engineer, Research Institute of Electric Power Science, State Grid Corporation of Shandor
	Province, China
15:50-16:10	Speech Title: Evaluation and Practice of Energy Storage Grid-forming Capability
	——Zhanzhan QU, CEPRI Energy Storage Integration and Operation Division, Director
	Speech Title: Time Series Database for HoT: Serving for New Power Systems and Energy Storage Station
16:10-16:30	Construction
	——Xiangdong HUANG, Associate Researcher, Tsinghua University
	Q&A
	He JIANG, Deputy Manager, Technology and Development Division, China Southern Power Grid Energy Efficiency &
	Clean Energy Co., Ltd.
	Feng ZHANG, Technical Expert of State Grid Zhejiang Electric Power Co., Ltd.
	Xuezhong LI, Vice General Manager of Nanfang Pump Industry Co., Ltd.
	Weiwei CHEN, Director, Corporate Strategy Research Center, Economic and Technical Research Institute, State Gr
	Xinjiang Electric Power Co.
16: 30-17: 00	Zhicheng LI, Director of Energy Storage Research Team, Fujian EPRI
	Jianbo LIU, Deputy Director of Comprehensive Energy Department China Energy Engineering Group Zhejiang Electr
	Power Design Institute Co., Ltd
	Meng LIU, Senior Engineer, Research Institute of Electric Power Science, State Grid Corporation of Shandong Province
	China
	Zhanzhan QU, Director, Energy Storage Integration and Operation Division, CEPRI
	Xiangdong HUANG, Associate Researcher, Tsinghua University

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#### 储能电站建设与运维专场 3月12日下午 1F 广州厅

主持人: 马福元	E 浙江省白马湖实验室首席科学家
13: 30-13: 50	演讲题目: 电化学储能智慧运维技术及应用
	——朱 勇 中国华能集团清洁能源技术研究院有限公司储能技术部总工
13: 50-14: 10	演讲题目: 西北电网侧独立储能电站设计案例共享
	——刘国华 中国电力工程顾问集团西北电力设计院有限公司智能电网
	室经理
14: 10-14: 30	演讲题目:储能技术在风电工程调试领域的创新应用
	——徐 进 国家电投集团内蒙古能源有限公司教授级高工
14: 30-14: 50	演讲题目: "双碳"目标下储能的机遇与挑战
	——马福元 浙江省白马湖实验室首席科学家
14: 50-15: 10	演讲题目: 湖南公司集中式储能运维的探索与实践
	——黄博文 国网湖南综合能源服务有限公司储能事业部总经理
15: 10-15: 30	演讲题目: 大型电化学储能电站按安全运行
	——樊东方 中国大唐集团科学技术研究总院有限公司中南电力试验研
	究院
15: 30-15: 50	演讲题目: 高标准电化学储能电站建设的思考
	——金 翼 国家能源集团新能源技术研究院有限公司储能首席专家
15: 50-16: 10	演讲题目:新型储能产业技术发展及应用场景分析
	——牟 敏 华电电力科学研究院有限公司综合能源研究中心储能研究
	所技术主管
16: 10-16: 30	演讲题目:新型储能安全运维及管控提升技术
	—— <b>陈凌宇</b> 国网浙江省电力有限公司电力科学研究院储能专业负责人

注: 最终议程以大会当天公布为准!

#### Energy Storage Construction and O&P March 12 PM 1F Guangzhou Hall

Host: Fuyuan MA, Chief Scientist, Baima Lake Laboratory, Zhejiang Province	
13:30-13:50	Speech Title: Electrochemical Energy Storage Intelligent Operation & Maintenance Technology and
	Application
	——Yong ZHU, Chief Engineer of Energy Storage Technology Dept., Huaneng Clean Energy Research Institute
13:50-14:10	Speech Title: Sharing on Grid-side Stand-alone Energy Storage Plant Design Case Northwest Area
	——Guohua LIU, Smart Grid Room Manager, NORTHWEST ELECTRIC POWER DESIGN INSTITUTE CO.
	LTD. of CHINA POWER ENGINEERING CONSULTING GROUP
14:10-14:30	Speech Title: Innovative Application of Energy Storage Technology in the Field of Wind Power Engineering
	Commissioning
	——Jin XU, Professor-level Senior Engineer, SPIC NEI MONGOL ENERGY CO., LTD.
14:30-14:50	Speech Title: Opportunities and Challenges for Energy Storage under the "Dual Carbon" Goal
	Fuyuan MA, Chief Scientist, Baima Lake Laboratory, Zhejiang Province
14:50-15:10	Speech Title: Exploration and Practice of Centralized Energy Storage Operation and Maintenance in Hunan
	Electric Power Co.
	——Bowen HUANG, General Manager of Energy Storage Dept., State Grid Hunan Integrated Energy Services Co.
15:10-15:30	Speech Title: Safe Operation of Large Electrochemical Energy Storage Plants
	——Dongfang PAN, Senior Engineer, Southern China Electric Power Testing and Research Institute, China Datang
	Corporation Science and Technology General Research Institute Ltd.
15:30-15:50	Speech Title: Reflections on the Construction of High-standard Electrochemical Energy Storage Power Plant
	——Yi JIN, Chief Expert on Energy Storage, National Energy Group New Energy Technology Research Institute
	Co. Ltd.
15:50-16:10	Speech Title: New Energy Storage Industry Technology Development and Application Scenario Analysis
	——Min MOU, Technical Supervisor of Energy Storage Research Institute of Huadian Electric Power Research
	Institute Co., Ltd.
16:10-16:30	Speech Title: New Energy Storage Safety Operation and Maintenance and Control Enhancement Technology
	——Lingyu CHEN, Professional Director of Energy Storage, Zhejiang EPRI

### 多功能(构网型与混合)储能专场 3月12日下午 1F上海厅

主持人: 夏彦辉	阳光电源股份有限公司南京研究所所长
13: 30-13: 50	演讲题目:新型电力系统下构网型储能关键技术探讨
	——斯林军 中国电建集团华东勘测设计研究院有限公司机电工程院副总工
13: 50-14: 10	演讲题目: 构网技术应用展望
	——缪楠林 南京南瑞继保电气有限公司储能行业总监
14: 10-14: 30	演讲题目:飞轮+锂电混合储能在新能源一次调频的工程应用
14: 10-14: 30	——郭 强 国网山西省电力公司电力科学研究院新能源所所长
14: 30-14: 50	演讲题目: 大型储能电站能量转换效率与集成设计优化
14: 30-14: 30	——宋云燕 安徽华电工程咨询设计有限公司高级工程师
14: 50-15: 10	演讲题目: 广东电力市场实践与展望
14: 30-13: 10	—— <b>林少华</b> 广东电力交易中心总经理
15: 10-15: 30	演讲题目: 构网型储能电站支撑能力验证及应用实践
13. 10 13. 30	—— <b>游</b> 力 国网湖北省电力有限公司电力科学研究院新型电力系统研究中心专责
15: 30-15: 50	演讲题目:新疆储能建设现状及未来发展分析
13. 30 13. 30	——罗志巍 新疆新能源研究院有限责任公司电气主任工程师
15: 50-16: 10	演讲题目: 电化学储能电站安全标准及技术分析
13. 30 10. 10	—— <b>姜 华</b> 能建时代(上海)新型储能技术研究院有限公司解决方案经理
16: 10-16: 30	演讲题目: 混合储能系统关键技术及其应用
10: 10-10: 30	——霍群海 中国科学院电工研究所创新研究员
16: 30-16: 50	演讲题目: 多元协同 构建未来多元储能构网技术在新型电力系统中的应用
10: 30-10: 30	——夏彦辉 阳光电源股份有限公司南京研究所所长
16: 50-17: 10	演讲题目: 电网主动支撑构网型混合储能系统关键技术研究
	——周兴达 中国长江三峡集团有限公司专业师
17: 10-17: 30	演讲题目: 电力现货市场环境下市场主体盈利模式分析与讨论
	——李雲建 北京维景蓝天科技有限公司CEO

注: 最终议程以大会当天公布为准!

#### **Multifunctional Energy Storage (Grid-Forming & Hybrid)**

#### March 12 PM Shanghai Hall

Host: Yanhui XIA, Nanjing Research Institute Director of Sungrow Power Supply Co., Ltd.		
13:30-13:50	Speech Topic: Discussion on the Key Technology of Networked Energy Storage in New Power System	
	——Linjun SI, Deputy Chief Engineer, Electrical and Mechanical Engineering Institute of	
	POWERCHINA HUADONG ENGINEERING CORPORATION LIMITED	
13:50-14:10	Speech Topic: Prospects for the Application of GFM	
	—— Nanlin MIAO, Director, Energy Storage Industry of NR Electric Co. Ltd	
	Speech Topic: Engineering Application of Flywheel + Lithium Hybrid Energy Storage in New Energy	
14.10.14.20	Primary Frequency Regulation	
14:10-14:30	—Qiang GUO, Director of New Energy Institute of Electric Power Science Research Institute of State	
	Grid Shanxi Electric Power Co.	
	Speech Topic: Energy Conversion Efficiency and Integrated Design Optimization of Battery Energy	
14.20 14.50	Storage System Plant	
14:30-14:50	——Yunyan SONG, Professional Director of China Energy Engineering Group Anhui Huadian	
	Engineering Consulting & Design Co,Ltd.	
	Speech Topic: Guangdong Electricity Market Practice and Prospect	
14:50-15:10	——Shaohua LIN, General Manager of GuangDong Power Exchange Center	
	Speech Title: Verification of Support Capability and Application Practice of Grid Following Energy	
15:10-15:30	Storage Power Plant	
	— Li YOU, Specialist in the Research Center for New Electric Power Systems, Hubei EPRI	
	Speech Topic: Analysis on the Current Situation and Future Development of Storage Energy	
15:30-15:50	Construction in Xinjiang	
	—Zhiwei LUO, Chief Electrical Engineer of Xinjiang New Energy Research Institute Co.Ltd	
15 50 16 10	Speech Topic: Safety Standards and Technical Analysis of Electrochemical Energy Storage Station	
15:50-16:10	——Hua JIANG, Solution Manager of Energy Storage Technology Institute Co.,Ltd	
	Speech Topic: Key Technologies and Applications of Hybrid Energy Storage Systems	
16:10-16:30	—Qunhai HUO, Professor of Institute of Electrical Engineering, Chinese Academy of Sciences	
	Speech Topic: Multi-component collaboration to build the future - the application of	
16:30-16:50	multi-component energy storage and grid-forming technology in new power systems	
10.50-10.50	— Yanhui XIA, Nanjing Research Institute Director of Sungrow Power Supply Co., Ltd.	
16:50-17:10	Speech Title: Research on Key Technologies of Grid-Forming Type Hybrid Energy Storage System	
	——Xingda ZHOU, Researcher of China Three Gorges Corporation	
17:10-17:30	Speech Title: Analysis and Discussion on Profit Model of Market Entities in Electricity Spot Market	
	Environment	
	——Yunjian LI, CEO of Beijing Vision Blue Sky Technology Co., Ltd.	

#### 新品发布

#### 3月11日上午 C馆展区

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主持人: 文文 中国化学与物理电源行业协会储能应用分会		
10: 30-10: 45	演讲题目: 简捷物联新一代EMS2.0全新产品发布	
	——王雷雷 浙江简捷物联科技有限公司副总经理	
10: 45-11: 00	演讲题目:储能液冷系统能效及可靠性探讨	
	—— 高 帅 三河同飞制冷股份有限公司高级产品经理	
11: 00-11: 15	演讲题目:专注工商业场景的储能系统及应用分享	
	——刘 俊 合肥华致能源科技有限公司解决方案总监	
11: 10-11: 25	演讲题目:工商业储能系统的目标及未来发展方向	
	—— <b>王霄峡</b> 浙江启辰新能科技有限公司研发副总裁	
11: 25-11: 40	演讲题目:安全高效-新风光工商业储能系统一站式解决方案	
	——王 涛 新风光电子科技股份有限公司工商业储能系统产品经理	

注: 最终议程以大会当天公布为准!

#### 新品发布

#### 3月11日下午 C馆展区

主持人: 文文	中国化学与物理电源行业协会储能应用分会
	演讲题目: 创"芯"无界,储能无限
14: 00-14:30	德赛电池314Ah储能电芯及5MWh储能系统新品发布会
	——郭庆明 惠州市德赛电池副总裁
	一一荣 强 湖南德赛电池研究院院长
14: 30-14: 45	演讲题目:储能大电池,亿纬更可靠
	——刘石磊 武汉亿纬储能有限公司解决方案中心高级经理
14: 45-15: 00	演讲题目: 电化学储能电池热失控抑制防护方案创新分享
	—— <b>何 杰</b> 安徽航天立安安全科技有限公司总经理
1. 00 1. 1.	演讲题目: 电网超快长时磁悬浮飞轮调频技术
15: 00-15: 15	—— <b>王亚东</b> 北京泓慧国际能源技术发展有限公司产品总监
1. 1. 1. 20	演讲题目:储能系统安全通点剖析及赢科储能解决方案
15: 15-15: 30	—— <b>杨贤志</b> 湖南赢科储能科技有限公司技术总监
15: 30-15: 45	演讲题目:分布式储能目前问题与后续发展展望
	—— 梁建钢 北京晟运能源科技有限公司 研发中心电力电子部经理
15: 45-16: 00	演讲题目:极致设计,智储一体,内卷时代,破局先行!
	——刘佳琦 深圳永泰数能科技有限公司技术总监
	—— <b>为任场</b>
16: 00-16: 15	演讲题目:海信液冷储能机组新品发布
	—— <b>谷培信</b> 青岛海信网络能源股份有限公司储能事业部总经理
16: 15-16: 30	演讲题目:储能用高电压无级调节熔盐电加热装置
	—— <b>黄 其</b> 浙江绿储科技有限公司副总工程师

注: 最终议程以大会当天公布为准!

#### 新品发布

#### 3月12日上午 C馆展区

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主持人: 文文 中国化学与物理电源行业协会储能应用分会		
9: 50-10: 05	演讲题目:新艾电气创新第二代一体机系统	
	—— <b>倪 同</b> 西安新艾电气技术有限公司董事长	
10: 05-10: 35	演讲题目: 栈房式铅酸电池储能电站使能的设施农业	
	—— <b>孙至杰</b> 长兴太湖能谷科技有限公司高级顾问	
10: 35-10: 50	演讲题目: 南瑞继保新一代工商业解决方案	
	—— <b>芮运泽</b> 南瑞继保工商储行业总监	
10: 50-11: 05	演讲题目: "双高"长循环短时超频储能电池	
	<b>——杨 伟</b> 中天储能科技有限公司电芯研发部总工程师	
11: 05-11: 20	演讲题目: 钧能"全栈式"储能温控消防产品及解决方案发布	
	——倪安业 钧能(宁波)电源科技有限公司储能热管理事业部总监	
11: 20-11: 35	演讲题目: 工商业全场景解决方案	
	——闫志鑫 上海派能能源科技股份有限公司技术总监	

注: 最终议程以大会当天公布为准!

#### 新品发布

#### 3月12日下午 C馆展区

	3月12日下十一〇佰茂区		
主持人: 文文	<b>主持人: 文文</b> 中国化学与物理电源行业协会储能应用分会		
14: 00-14:15	演讲题目:基于安全的统一储能冷却液解决方案 ——韩江涛 统一石油化工有限公司技术开发总监		
14: 15-14: 30	演讲题目: 5MWh集成式自然冷液冷温控解决方案 ——王 健 江苏欧科储能温控科技有限公司 董事		
14: 30-14: 45	演讲题目:第三代矩阵式储能系统——易方家族,高阶进化——芦 恒 西安为光能源科技有限公司解决方案专家		
14: 45-15: 00	演讲题目:超充站配储增容解决方案 ——许 立 西安领充创享新能源科技有限公司储能事业部总监		
15: 00-15: 15	题目:储能系统氟泵液冷和水冷液冷节能温控方案 ——张水兵 苏州黑盾环境股份有限公司副总经理		
15: 15-15: 30	演讲题目: 浙商中拓储能系统解决方案综合服务商 ——陈 铮 浙商中拓协能供应链中心总监		
15: 30-15: 45	演讲题目: 盖鼎给你不一样的5MW液冷温控方案 ——周善云 浙江盖鼎能源科技股份有限公司总监		
15: 45-16: 00	演讲题目: 智储未来 安全筑底 ——高乃坤 苏州精控能源科技股份有限公司解决方案部部长		

注: 最终议程以大会当天公布为准!