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## 2013 SDSSE Shanghai International Distributed Energy & Storage Energy and Smart Grid Technology Equipment Exhibition

**Time: Oct. 28<sup>th</sup>-30<sup>th</sup>, 2013**

**Venue: Shanghai New International Expo Center (No.2345 Long Yang Road)**

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### **Hosted By**

China Coalition for Decentralized Energy  
CCPIT Pudong Sub-Council

### **Supported by**

National Energy Administration  
World Alliance for Decentralized Energy  
Chinese Society for Electrical Engineering Thermoelectric Professional Committee  
China Chamber of Commerce for Import and Export of Machinery and Electronics Products  
China Renewable Energy Society  
China Energy Storage Alliance  
Electricity Storage Association  
European Association for Storage of Energy

### **Undertaken by**

Shanghai Aiexpo Exhibition Service Co., Ltd  
Shanghai AiRui Exhibition Co., Ltd

### **Cooperated by**

State Grid    China Southern Power Grid    China Huaneng Group  
China Electric Power Research Institute    Datang Group  
Power Investment Corporation    EDF    REE    National Grid  
European Transmission and Distributed Energy Company

### **Special Media Partners**

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### **Preface:**

Since the second oil crisis broke out in 1970s, in order to increase energy supply and enhance energy utilization efficiency, major developed countries and some emerging industrialization countries successively take distributed energy development as the key of energy strategy. Over the past 30 years' continuous efforts, high efficient, clean and diversified involved new type distributed energy system has been popularized in major developed countries.

Distributed energy technology is a very important development trend for future world energy technology, it possesses the traits of high energy utilization efficiency, small negative impact on environment, energy supply reliability improvement as well as good economy benefits.

Distributed energy technology is also a must choice for Chinese sustainable development. China has large population while own resources are limited, according to the current energy utilization means, on one hand, it is absolutely impossible to sustain all-round well-off for 1,300 million population if only depending on own resources, on the other hand, the use of international resources will not only seriously constrain energy safety, but also result in world development facing an array of issues and contradictions. China has to be based upon existing energy resources, fully enhance energy utilization efficiency and expand energy comprehensive utilization scope, and there is no doubt that distributed energy is the key technology to address the issues.

Distributed energy is one of the effective approaches to mitigate serious power shortage and ensure implementation of sustainable development in China, so the development potential is huge. It is the inevitable need of energy strategy safety, power safety and national gas development strategy, and will alleviate environment and power grid peaking shaving pressure as well as increase the efficiency of energy use.

Since 2004, the successive major power blackout accidents in the U.S., Canada, UK, Australia, Denmark, Sweden, Italy and so on deeply indicated conventional energy supply pattern had severe technical flaws, with the development of times, particularly the development of information society, it is unlikely to continue to sustain the development process of human civilization, so we must speed up the new type energy system establishment in this information times, and distributed energy and smart grid will be the core technology of this system.

The Twelfth five-year plan made clear that smart grid construction would be promoted based upon information, control and storage energy advanced technology. According to opinion of pushing forward strong smart grid construction released by State Grid, by 2020 China strong smart grid development will be divided into three phases, from preliminary pilot programming to all-round construction phase during the period of 12<sup>th</sup> five-year, and guidance upgraded phase in the period of the 13<sup>th</sup> five-year, the smart grid construction total investment scale is approximate 4 trillion RMB. 2 trillion will be invested in the 2011-2015 all-round construction period while 1.7 trillion for 2016-2020 basically completed phase. This action will bring huge opportunity for the entire industry chain of smart grid and will become the new engine of Chinese economy growth.

Therefore, under the guidance of National Energy Administration and other organizations, the goal and purpose of organizing 2013 SDSSE Shanghai International Distributed Energy, Storage Energy and Smart Grid Technology and Equipment Exhibition is to strengthen domestic and overseas exchange, provide motivation and dynamics for industry development. There will be 400 exhibitors, 30,000 square meters exhibiting area, 500 VIP buyers and 25,000 trade visitors for this exhibition.

## **Schedule:**

Registration Venue: Shanghai New International Expo Center (No.2345 Long Yang Road)

Exhibiting Time: Oct. 28th-30th, 2013

Customized Booth Move-in: Oct. 26th-27th, 2013 8:30-17: 00

Standard Booth Move-in: Oct. 26th, 2013 13:30-17: 00

Oct.27th, 2013 9: 00-17: 00

Visiting Time: Oct. 28th-30th, 2013 9:00-16:30

Move-out: Oct. -30th 14:00-17:30

## **Exhibiting Scope:**

- **Distributed Energy Generation:** Diesel generating sets, fuel cells, waste generation, marsh gas generation, turbo generator, sewerage generation, geothermal generation, biomass distributed generation, wind power distributed generation, solar PV distributed generation system, solar building integration, PV CHP, small hydropower distributed generation system, coal bed gas and mine gas and other kinds of distributed power generation systems;
- **Storage energy technology and equipment:** Compressed air storage energy, pumped storage, superconductivity electromagnetic storage, flywheel energy storage, thermal storage, cool storage, hydrogen storage and other energy storage technology and equipment, all kinds of storage battery, Super Capacitor, Renewable fuel cells, flow battery, etc.
- **CCHP:** Gas turbine, steam turbine, small size gas turbine, gas internal combustion engine, micro-gas turbine, Stirling generator, lithium bromide absorption refrigerator, multi-connected air-condition unit, waste heat absorption refrigerator sets, water-cooled chiller, air-cooled chiller, heat pump hot water unit, water source heat pump unit, ground source pump unit, steam absorption refrigerator, space heating system, absorption air-condition sets, heat pump, gas-fired boiler, valve, etc.
- **Waste heat utilization technology and equipment:** Waste heat generation, steam turbine, waste heat boiler, heat exchanger, heater, air compressor waste heat recovery unit, purely, low temperature waste heat generation technology, flue gas waste heat recovery technology, heat pump waste heat recovery technology, waste water waste heat recovery heat pump technology. Gas engine heat pump waste heat recovery technology, low temperature exhaust heat recovery, steam heat supply system, air condition waste heat recovery and auxiliary equipments;
- **Smart Grid information communication technology and equipment:** Internet of things technology, cloud computing technology, multi-network convergence technology, fiber to the home(FTTH), transmission technology and equipment, access equipment, associated equipment and instrument, digital microwave communication equipment, testing equipment

and instrument, electric power informationization, power system simulation, electricity management information system, etc.

- **Smart substation equipment and system:** Smart transformer, circuit breaker, disconnect switch, electronic instrument transformer ( photoelectricity instrument transformer), protection and measurement device, network security and network online monitoring equipment, power quality, faulty detection and equipment Condition monitoring, etc;
  - **Smart power transmission and distribution equipment and technology:** power transmission and distribution network equipment and technology, flexibility transmission equipment, extra-high voltage power transmission equipment, high temperature superconductive equipment, distribution automation system and protector, intelligent quick arc suppression and selector system for distribution network, smart ring main unit and related supporting products;
  - **Smart electrical equipment and intelligent scheduling technology:** Smart meters and chips, smart centralized reading/ remote meter reading system, various types of energy meters, metering instrument transformer, dedicated metering cabinet, power management system, metering system, electric energy measurement instruments, testing transformer, switch cubicle, control cabinet, grid scheduling automation and big screen montage equipment, etc;
- Energy Saving and New Energy Vehicle:**
- Smart appliance, smart family, smart building, smart community, intelligent transportation, charging station power supply solution, charging station smart grid solution, new energy motive power, energy storage technology application in distributed generation.

### Exhibitor Cost

**Standard Booth:** 9m2 \$3,500(Both-side open, 20%extra added)

**Includes:** one table, two chairs, spot light, waste paper basket, paneling, carpet, fascia board, power source (220V/10kW), full cleaning and security services.

**Open Space:** \$350/m2(36m2 Min.)

### Advertisement and Sponsorship

Advertisement item	Cost (RMB)	Advertisement item	Cost (RMB)	Specification & Size
Dinner sponsor	contact us for more details	Archway(4)	20,000/Exhibition period	15m span
Exhibition sponsor	contact us for more details	Column Balloon (10)	10,000/Exhibition period	6m×1.5m
Forum sponsor	contact us for more details	Visitor tickets	10,000/Exhibition period	90mm×210mm

Gift sponsor	contact us for more details	Exhibitor badges(exclusive)	10,000/Exhibition period	90mm×110mm
Catalogue Cover	18,000	Exhibitor lanyards(exclusive)	20,000/Exhibition period	1.2m
Catalogue Back Cover	15,000	Handbag(exclusive)	20,000/Exhibition period	environmental
Inside front cover	12,000	Visitor badges(exclusive)	30,000/Exhibition period	90mm×110mm
Inside back cover	9,000	Visitor lanyards(exclusive)	50,000/Exhibition period	1.2m
Catalogue Title Page	11,000	Forum badges(exclusive)	10,000	210mm×285mm
Catalogue Color Page	5,000	Forum manual cover	10,000	
Visitor manual colored page	5,000	Forum manual back cover	8,000	
Outdoor painted truss	600/m <sup>2</sup> (minimum 30m <sup>2</sup> )	Forum manual inside page	6,000	

### **Application Submission**

Please send a completed application form, signed and stamped with company seal (if available), and fax to the Organizing Committee. To secure your booth, please pay the 50% of the total amount within 5 working days into the committee designated bank account, and the balance should be paid before August 1st, 2013.

### **◆ Organization Contact**

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