

电力系统装备

ELECTRIC POWER SYSTEM EQUIPMENT

2012.6

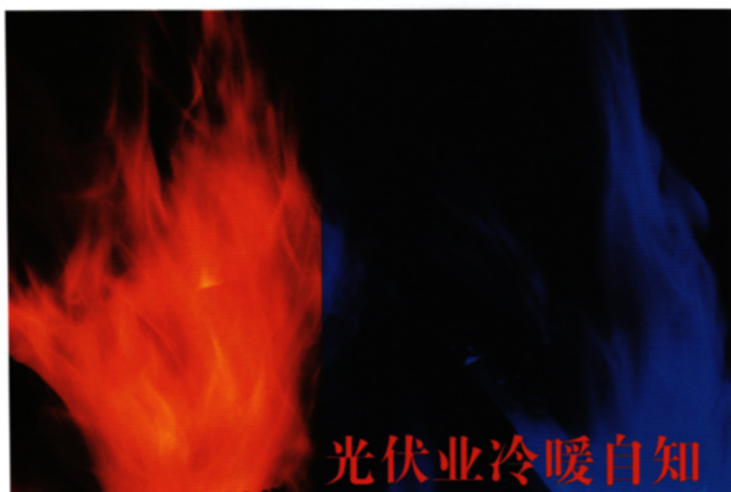
缩短电力设备供应商与用户间联络的新干线



P22 封面故事

乔治·卡弗特时刻

2012年对于风机制造商而言，将是整合的一年。但我想强调的是，这种整合将促使更多的公司联手起来，而不是退出这个市场。



光伏业冷暖自知

资讯 | INFORMATION

- 14 环保部：四方面措施促“十二五”减排目标完成
- 16 “十二五”国家电网公司加大农网改造力度
- 17 西门子为中国海上钻井平台提供电气系统解决方案
- 18 ABB启动首届大学生创新大赛
- 19 伊顿能源创新论坛倡导“能效管理·发展绿色城市”
- 20 数字、声音
- 21 原材料

封面故事 | COVER STORY

- 22 乔治·卡弗特时刻
- 26 全球风电产业的领跑者——歌美飒

近期关注 | EVENTS

- 28 东北电网：提高风电接纳能力的现实解答

独家爆料 | EXCLUSIVE

- 31 光伏业冷暖自知
- 32 光伏行业的生存大考
- 34 光伏企业谋自救
- 36 对话光伏领袖

高端访谈 | TOP INTERVIEW

- 38 杨校生：2012年风电进入强势调整
需转变观念做强做实

智能电网 | SMART GRID

- 42 智能电网13个课题列入2012年首批能源
科研项目
- 43 纯电动汽车国家标准出炉
- 44 五年逾万亿 智能电网催生巨大商机

新能源 | NEW ENERGY

- 48 科技部发布太阳能发电科技专项规划
- 49 蒙西将投28.4亿元建27个风电并网项目
- 50 西门子在华供货的首个海上风电场成功投运
- 51 2012年太阳能光电建筑应用示范项目正式公示
- 55 TDK集团：携多款产品亮相SNEC 2012

展会 | EXHIBITIONS.....

- 56 第11届中国（上海）国际动力设备及发电机组
展览会精彩纷呈
- 58 80年历史积淀成就环球动力翘楚
Perkins携带完整产品阵容亮相动力展

公司点击 | BUSINESS

- 60 亚力克：电力租赁市场正悄然兴起

技术研讨 | TECHNOLOGY

- 61 35 kV链式STATCOM的发展与应用
- 65 风电机组型式认证载荷评估方法
- 69 风电场MCR响应时间的研究
- 73 核电数字化仪控系统配电系统的研究与应用

运行与维护 | OPERATION & MAINTENANCE

- 77 水轮发电机组转子磁极的抽查检测技术
- 79 循环水泵电机双速改造在600 MW机组中的
应用



INFORMATION

- 14 Ministry of Environmental Protection: Four Measures Promote China to Achieve the "12th Five-Year" Emission Reduction Targets
- 16 During "12th Five-Year", State Grid Increase the Reform Efforts
- 17 Siemens Supply Electrical System Solutions to the Chinese Offshore Drilling Platform
- 18 ABB Start First Innovation Contest of College Students
- 19 Eaton Energy Innovation Forum Advocate the "Energy Efficiency Management-the Development of Green Cities"
- 20 Numbers & Sounds
- 21 Raw Materials

COVER STORY

- 22 The Moment of George Kafu
- 26 Gamesa- the Leader of the Global Wind Power Industry

EVENTS

- 28 Northeast Power Grid: the Real Answer to Improve Wind Power Connected to the Grid

EXCLUSIVE

- 31 The PV Industry Know the Survival Status Themselves
- 32 The PV Industry Face Challenges
- 34 The PV Enterprises Seek Self-help
- 36 Dialogue with PV Leadership

TOP INTEVIEW

- 38 Yang XiaoSheng: Wind Power Industry Adjusted Strongly Needs to Change Stronger and Solider in 2012

SMART GRID

- 42 13 Topics of Smart Grid was included in the First Energy Research Projects in 2012
- 43 National Standards of Pure Electric Vehicles Released
- 44 The Smart Grid Birth to a Great Business Opportunity over One Trillion in Five Years

NEW ENERGY

- 48 Ministry of Science and Technology Published a Solar Power Technology Special Plan
- 49 The West District of NeiMenggu will Invest 2.84 Billion Yuan to Build 27 Wind Power Projects to Connect Grid
- 50 The First Offshore Wind Farm in China Supplied by Siemens Successfully Put into Operation
- 51 The Demonstration Projects of Solar PV Building Applications in 2012 Published Formally
- 55 TDK Group: Show Several Kinds of Products in SNEC 2012

EXHIBITIONS

- 56 The 11th China (Shanghai) International Power Equipment and Generators Group Exhibition was Brilliant
- 58 Accumulated Achievements for 80 years, Global Engine Power Leader Perkins Carry Full Kinds of Product to Show in Power 2012

BUSINESS

- 60 Aggreko: Power Rental Market will be Quietly Rising

TECHNOLOGY

- 61 Development and Application of Cascade 35 kV STATCOM
- 65 The Load Assessment Methods for Wind turbine Type Certification
- 69 The Research on MCR Response Time of Wind Farm
- 73 Research and Application of Nuclear Power Digital Control System and Distribution System

OPERATION & MAINTENANCE

- 77 Random Testing for the Magnetic Pole of Hydroelectric Generator Rotor
- 79 Circulating Water Pump Electrical Machinery Two Speed Transformation in 600 MW Unit's Application