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# Darnell Group

# NEWS

## Expanded Program at DC Building Power Asia 2011

Corona, California, November 7, 2011 – The program has been announced for the third-annual DC Building Power Asia conference (DCBPA '11) to be hosted December 12 & 13 at the Sheraton Taipei. Speakers in the Plenary Session will include: Dr. Faa-Jen Lin, Director, National Central University; Dr. Morris Liang, Division Director, Industrial Technology Research Institute (ITRI); Dr. Chen Yenhaw, Vice Secretary General, Taiwan Smart Grid Industry Association; and Dr. Cho, Professor, Seoul National University. And this year's event will feature a Fuel Cell and Smart Meter Laboratory and Factory Tour at Chung-Hsin Electric & Machinery Mfg. Corp. According to recent studies, the use of dc power can be ten-times more reliable and significantly more efficient compared with today's ac-power designs. <http://dcbuildingpowerasia.darnell.com/sched.php>

“We are excited about the expanded scope of this year's event,” stated Jeff Shepard, President of Darnell Group. “We have an expanded Advisory Committee of internationally-recognized experts being co-chaired by Dr. Tsai-Fu Wu, Director of the Elegant Power Application Research Center at Taiwan's National Chung Cheng University; Dr. Keiichi Hirose, Senior Research Engineer with NTT Facilities; and Hideo Miyazawa, Executive Director with Fujitsu Components. And this year's event will feature a post-conference tour of a working DC Micro Grid and Smart Meter lab at CHEM (Chung-Hsin Electric & Machinery Mfg. Corp.),” Shepard concluded.

Examples of the topics to be addressed at DCBPA '11 include: International standardization of dc power with presentations about the latest developments in Europe and North America as well as Asia; Integration of distributed generation resources; DC lighting systems; DC HVAC and other building systems; Guidelines for electrical appliances compatible with dc power distribution systems; Building automation and controls; DC microgrids; Issues to consider with implementing HVDC in data centers; Advanced components and hardware; Safety considerations; Standardization issues; Hybrid ac and dc power distribution architectures; Implementation of demand-side management; Integrated power management and energy storage, and more.

Among the international roster of speakers will be representatives from NTT Facilities, Fujitsu Components, Chung-Cheng University, Delta Electronics, National Formosa University, ZBB Energy Storage, TE Circuit Protection, Osram AG, Anderson Power Products, EMerge Alliance, ITRI, Taiwan Smart Grid Industry Association, National Central University, Seoul National University, CHEM, and others.

The use of dc distribution can complement other trends in building power including the growth of “green” energy sources, use of wireless building automation systems, demand-side management, the implementation of high-efficiency lighting, and more. And it can reduce construction and operating costs, improve flexibility and enhance sustainability.

This year's Advisory Committee is larger and stronger than ever with representatives from **Anderson Power Products, Chung-Hsin Electric & Machinery (CHEM), Delta Electronics, Fujitsu Components, Harmer & Simmons, Hitachi, Huawei, Intel, Leader Electronics, National Chung Cheng University, NTT Facilities, Osaka University, Sharp, Shindengen, Taiwan Smart Grid Industry Association, TDK, Tyco Electronics** and the **University of Tokyo**.

DC Building Power Asia is a sister-event with [Darnell's Green Building Power Forum](#) (GBPF). The Fourth-Annual GBPF will be hosted January 23-25, 2011, in San Jose, California, USA.

Darnell Group is the leading source for worldwide strategic information covering the full spectrum of power electronics, energy storage and generation. The company specializes in the economic/business analysis of emerging power markets and technologies. The DCBPA '11 web site is at: <http://DCBuildingPowerAsia.darnell.com>.

*The World's Power Electronics Specialist*

