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Eaton to outline the importance of DC Power Solutions at Intelec 2017

SYDNEY, AUSTRALIA - Power management company Eaton today announced its participation at the 2017 International Communications Energy Conference (Intelec), where Eaton will exhibit its latest portfolio of DC and AC power solutions to support critical telecommunications infrastructure. Senior representatives at Eaton will explore and present the needs and trends in subject areas of power conservation, energy storage, high reliability, mission critical and powering infrastructure.

Eaton's power quality portfolio includes a comprehensive offering of power management solutions that solve complex issues for the telecommunication industry, and this year two of their solution experts have been selected to deliver technical papers on effective management of DC power and energy.

"Eaton is driving a paradigm shift across the industry through its comprehensive energy solutions, offering Telcos the ability to address energy needs and operating costs with an innovative power solution," said John Atherton, General Manager, Power Quality Australia and New Zealand at Eaton.

The first paper, titled, '*DC Energy Metering for Managing Telecom Network Power Usage*', will be presented by Darren Salter, Telecom Solutions Manager at Eaton, and will outline why technology is key to overcoming critical operational issues while ensuring data accuracy and security for billing or reporting.

“Telecom operators need to be able to measure energy consumption in real-time but often DC power and energy consumption are overlooked. At Intelec, we will address the difficulty of providing power to sensors located throughout an exchange building and the solutions used to overcome these challenges,” said Salter.

The second paper, titled, *‘Electronic Distributions in Small Telecom DC Systems to Simplify Deployment and Reduce Total Cost of Ownership’*, will be presented by Richard Moore, Telecom Segment Leader and Product Manager at Eaton, who will address the merit of deploying electronic distributions in place of Traditional Miniature Circuit Breakers to simplify networks, reduce costs and increase the speed of deployment.

“2018 will signal the beginning of the design, deployment and implementation of new fifth generation (5G) wireless networks, along with considerable ongoing investment in fixed fibre networks. These deployments are critical to fuel the needs of our connected economies, but present operators with a considerable challenge to achieve cost-effective rollouts. Eaton will demonstrate how systems with electronic distributions can save operators time and money during deployment, and achieve ongoing savings in use” says Moore.

“We recognize the challenges that are unique to different customers and offer DC power solutions to suit every energy application, from telecommunications, data center to enterprise IT. Backed by years of power system energy and software design excellence, we guarantee our customers reliability, efficiency and smarter energy solutions,” added Atherton.

Eaton’s wide range of DC services includes design, installation, remote monitoring, on-site services, training and warranty, providing a seamless solution. At Intelec Eaton will reveal its latest product, the DU-X electronic distribution (or “eFuse”), which will be made available to order from December.

The DU-X combines electronic load and battery protection together with system control and communications to provide an extremely compact and powerful package within small DC power systems. Once partnered with high efficiency rectifiers and fitted into a small 1U high system shelf, operators have available to them one of the most compact and innovative small systems on the market.. eFuse-based load protection offers benefits such as rapid late point definition of protection outputs, reduced lead-times, energy metering, and remote reset preventing costly truck rolls.

Eaton will be exhibiting at Intelec 2017 on stand 19, at the Gold Coast Convention and Exhibition Center from October 22 through to 26.

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About Eaton

Eaton's electrical business is a global leader with expertise in power distribution and circuit protection; backup power protection; control and automation; lighting and security; structural solutions and wiring devices; solutions for harsh and hazardous environments; and engineering services. Eaton is positioned through its global solutions to answer today's most critical electrical power management challenges.

Eaton is a power management company with 2016 sales of \$19.7 billion. We provide energy-efficient solutions that help our customers effectively manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. Eaton is dedicated to improving the quality of life and the environment through the use of power management technologies and services. Eaton has approximately 95,000 employees and sells products to customers in more than 175 countries. For more information, visit Eaton.com.

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