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Eaton's DC Power System Controller Offers Greater Network Power Control and Efficiency

CHRISTCHURCH, New Zealand ... Diversified industrial manufacturer Eaton Corporation today announced the launch of a new version (3) of the SC200 system controller with some powerful new advances for energy optimization and communications across telecommunications and industrial networks. Programmable, automated site control options raise the bar on network energy management and could save energy costs for a broad section of network types.

The new controller introduces two new site-programmable options.

The first key feature, Smart Alarms, uses Boolean logic to control individual network sites automatically, across a range of site variables to deliver optimized management for issues such as peak grid-power periods or cooling by automatically controlling non-critical loads, and intelligent management of cooling to reduce overall energy use. Running an outdoor suburban power cabinet on low noise mode at night or customizing site alarms to match network management requirements, are other examples.

The second feature is the enhancement of interface for Eaton's Fuel Saver (EFS) for hybrid network sites using a diesel generator as either a primary power source or as a backup to a poor alternating current (AC) grid supply. EFS is Eaton's solution to expensive diesel fuel costs where it intelligently delays generator starts, first engaging the site's battery bank to either bridge a grid power outage or delay the generator start for as long as possible, thereby reducing diesel consumption, reducing need for refueling visits, and reducing generator wear and tear and servicing costs.

The SC200 now also supports Modbus communications protocol, both Ethernet (Modbus-TCP) and serial versions used by Building Management Systems (BMS) to manage a wide range of

site equipment including DC power. This feature is applicable to many customer types including industrial and telecommunications.

“The new smarter energy features of the new version 3 SC200 system controller further illustrate Eaton’s commitment to developing solutions that help customers achieve lower operating costs and a reduced carbon footprint,” said Stefan Buerki, marketing manager, Telecommunications DC Power Solutions, Eaton’s electrical business.

Eaton’s electrical business is a global leader in power distribution, power quality, control and industrial automation products and services. Eaton’s global electrical product lines, including Cutler-Hammer[®], Moeller[®], Powerware[®], Holec[®], MEM[®], Santak[®], and MGE Office Protection Systems[™] provide customer-driven PowerChain Management[®] solutions to serve the power system needs of the data center, industrial, institutional, government, utility, commercial, residential, and OEM markets worldwide.

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