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**Precis**

Mitsubishi Electric contributes to society through technology in a wide range of power-related situations, from power generation, transmission and distribution equipment and solutions to renewable energy and distributed energy sources. This paper describes the grid control system for power distribution system, the “MELPRO-i” series edge device for advanced monitoring and control, a voltage sourced converter based HVDC system, and a cable switching breaker used for C-GIS for wind power system applications.