



Vietnam Communication Link

Radius provides a key link in improving Quinhon network for distribution of power

The project entailed a small scale automation scheme to cover the central part of Vietnam, this was to automate local electrical networks when weather conditions made manual operations at air break sites hazardous.

COMPANY HISTORY

Power company No 3 is a state-owned company that is responsible for the transmission and distribution of electricity in the central area of Vietnam.

Quinhon distribution network project - phase 1 had been upgraded under Swedish International Development Authority (SIDA) funded through Specific Agreement 1991 - 1993.

CUSTOMER DEMAND

Customers demand increasingly higher quality of power distribution to cope with the rapid development of the information society. In order to improve the reliability of power supply, Hokuriku Electric Power Company is expanding the application of the automatic control system for distribution network operations as well as conducting precautionary measures against possible forced outages.

NETWORK BENEFITS

The network is located close to the sea with a climate which could be characterised as tropical and salty-air. The rain season ranges from September to December with yearly precipitation from 1700 mm to 2000 mm. The network is subjected to an average number of 70 thunderstorms per year.

The system solution by Radius to Quinhon and SIDA was a sophisticated remote control network, which controls high voltage air break switches, using a UHF radio system, all provided by Radius. It provides total automated control of their rural network. The entire network uses NetMan, motor actuators to control the air break switches. All of which provides Quinhon Distribution with the necessary means to control remote outstations during times where local use would be very hazardous.

“Customers are demanding increasingly higher quality of power distribution”

Radius is a leading-edge technology company in power distribution automation and radio communication. Radius develops their systems in consultation with the customers and users to obtain a functional and user friendly system with high technical standard.

