

Recent Topics on Power Supply Technology

Akinobu OKUI

Energy conservation, earthquake-resistant measures and labor-saving of maintenance offer important motivation for research and development of power supply technology. Railway Technical Research Institute has been conducting research and development to improve the safety of overhead contact line against earthquake, to reduce the environmental impact by improving the energy efficiency, and to reduce the maintenance cost by diagnostic technology. This report describes the outline of recent research and development related to power supply technology in Railway Technical Research Institute.