

## **Recent State of Researches on Power Supply Technology for Electric Railways**

Shin-ichi HASE

The RTRI has promoted a number of researches on the technologies of power supply system for electric railways. The researches are classified into two categories; one is related to power stations and the power supply system, and another is to catenary system and other current collection systems. The final target common to the technologies classified in the two categories is how to supply stable and high-quality power. This paper presents the outline of the recent researches of the power supply system and composing equipment, and energy storage system in electrified railway system.