

Recent Topics on Power Supply Technology

Tetsuo UZUKA

After the Tohoku-Pacific Ocean earthquake, all the Japanese railway operation companies have to care for energy saving problem, since Japan lost major part of electric power source. Thus, R&D about power supply technologies in RTRI should be directed toward the same direction. Also, Japan enters an era of falling birthrates, an aging society, and a shrinking population in the first half of the 21st century, and there has been a rapid decrease in the labor population. In such circumstances, maintenance free technology is another big subject for RTRI. This paper describes the recent topics on power supply technologies.