

## **The Results of a Survey on the Non-contact Power Supply Systems**

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Recently, a carriage monorail and battery buses using a non-contact power supply system have been put to practical use. The linear transformer system can feed electricity to moving or rotating equipments without involving abrasion and heavy maintenance. Of course, this system may be applied to railway systems. However, compatibility and interoperability are taken seriously in railway systems, accordingly it may be difficult to make drastic changes in the railway vehicle and infrastructure. In this paper, we report a survey result of domestic and foreign non-contact power supply systems, keeping in view its practical use in railway system.