

Recently Studies and Developments of Energy Saving Technologies in the Field of Railway Vehicles

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In the 1990s, energy saving technologies in the field of railway vehicles had not been wrestled with actively because of a cost-benefit point of view. In the 2000s, they had been interested in decreasing greenhouse gas as a countermeasure against global warming. In the year of 2006, the revised Rationalization in Energy Use Law obliged major railway companies which owned more than three hundred vehicles to report on the plans and actual results of their measures for the reduction of energy consumption, with the result that further countermeasures are sought after. This report introduces the recent studies and developments of energy saving technologies in the field of railway vehicles.