

FEASIBILITY OF USING SODIUM/SULPHUR BATTERY RAILCAR FOR COMMUTER SERVICES

The report considers the feasibility of using sodium/sulphur battery railcar for commuter services, with reference to the St. Pancras – Bedford route for illustration purposes.

An approximate cost comparison between the proposed sodium/sulphur battery multiple unit and the existing diesel multiple unit is presented in order to estimate the sodium/sulphur battery life and its capital cost required for parity with the existing diesel traction. Comparison is also made with lead-acid powered vehicles.