

MoU between Ministry of Railways, Ministry of Power & Ministries of Renewable Energy

Four Memorandum of Understandings (MOUs) were signed between Ministry of Railways, Ministry of Power & Ministries of New & Renewable Energy and their organizations in the presence of Shri Suresh Prabhakar Prabhu, Minister of Railways, Shri Piyush Goyal, Minister of State Independent Charge for Power, Coal and New & Renewable Energy and Minister of State Railways, Shri Manoj Sinha for cooperation in the areas of Electricity Transmission, Energy Conservation and promotion of Renewable Energy in a time bound manner: -

- 1) MOU for co-operation in the area of Electricity and Energy Conservation between Ministry of Power and Ministry of Railways to share knowledge on various developments in the power sector to reduce the cost of power to Railways.
- 2) MOU between Ministry of Railways and Ministry of New & Renewable Energy for co-operation in the Renewable Energy to bring in a change in the energy mix & Solarization of Railways.
- 3) MOU between Ministry of Railways and Bureau of Energy Efficiency for co-operation in the area of Energy Conservation to identify technologies to further improve efficient utilization of Energy on Railways.
- 4) MOU between Railway Energy Management Company Limited and Energy Efficiency Services Limited for implementation of Energy Conservation projects over Railways to implement energy efficient systems on Indian Railways.

Present on the occasion of signing of Memorandum of Understanding were Shri A.K.Mital, Chairman Railway Board, Shri Navin Tandon, Member Electrical, Shri P.K.Pujari, Secretary Ministry of Power, Shri Upendra Tripathi, Secretary MNRE, Shri R Mehrotra, CMD/RITES, Shri Ajay Mathur, DG/BEE, Shri Saurabh Kumar, MD/EESL and other officers from Railway Board and Ministry of Power and NRE.

These MoUs, will provide a frame work for providing future solutions in the power sectors and to facilitate Railways bring a change in the energy mix of Railways. This is also needed looking at the requirement of the present time which wants close co-ordination between stakeholders, working together and understanding each other to make faster deliveries to people. These MoUs will pave for efficient and reliable

utilization of resources in the power sector and also in the renewable energy sector for making it possible for the Railway to take benefits of various developments taking place in the power sector as a whole.

Railways are one of the biggest consumers of power in the country and would like to become leader in the renewable sector and master the technologies leading to efficiency utilization of energy. These 3 MoUs with Ministry of Power (MoP), Ministry of New and Renewable Energy (MNRE) and Bureau of Energy Efficiency (BEE) will take care of complete power sphere from Railways perspective covering generation of power to demand side and make it possible for Government of India to show case how learning from each other can take you ahead in exploiting world class technologies and provide cheaper services to the people at large. These MoUs will also provide Railways the technical expertise, and open training facilities available in the power sector, to Railways.

The National Action Plan on climate change aims at enhancing renewable energy in the overall energy mix and other uses. While working together with MNRE, railways can use its open air spaces and vast stretches of land to generate renewable energy. Both these organisations will also work towards increasing awareness of benefits of the renewable energy using the space resources visibility of Railways. Developing appropriate funding mechanism is a very important aspect to make a technology successful and so this collaboration will explore various financial possibilities including utilisation of international funds.