



International Seminar High Speed Trains in India - Issues & Options

1st & 2nd February, 2013
Manekshaw Centre, New Delhi

Organizer :

Institution of Railway
Electrical Engineers

THE ORGANIZER

The Institution of Railway Electrical Engineers, an apex body under the aegis of Ministry of Indian Railways, is a registered society of members from amongst electrical engineers of Indian Railways and persons of eminence in electrical industry connected with Rail Transport. IREE was set up in 1995 and has at present about 1650 members. As part of its several activities, the IREE organizes seminars at National and International levels to bring into focus vital technical issues related with development and technological advancements in electrical engineering and areas that have direct impact on Railways customers in particular and society in general.

PREAMBLE

Indian Railways is one amongst the largest rail systems in the world handling around 23 million passengers every day and freight loading of 1000 million tonne annually. The network spans over 65,000 km of routes out of which about 21000Km had been electrified.

To meet travel requirement of a very large population for economic development of the nation, IR faces challenge of providing additional rail transport capacity not only for freight but also for passengers. For freight transportation, IR has already taken action on implementation of two Dedicated Freight Corridors. Similar initiative is being launched for setting up Dedicated High Speed Passenger Corridors having large travel demand. Feasibility studies on some such corridors are underway. It is obvious that these two initiatives are steps in the right direction to meet with the challenges of transportation. Simultaneously there is need to raise speeds of the existing network which operates in mixed modes to a reasonable level for faster movements.

Indian Railways' Vision 2020 document presented to the Parliament envisages quadrupling of more than 6,000 km route with segregation of passenger and freight services into separate double-line corridors between Delhi - Kolkata, Delhi-Mumbai, Kolkata-Mumbai and Delhi-Chennai. On these segregated routes speed of passenger trains would be raised from 110-130 km/h at present to 160-200 km/h.

The document also envisions implementation of at least 4 high speed rail projects to provide trains services at 250-350 km/h, one in each of the regions of the nation and planning for at least 8 more corridors connecting commercial, tourist and pilgrimage hubs.

Six corridors have already been identified for technical studies on setting up of High Speed Rail Corridors. These are:

- Delhi-Chandigarh-Amritsar
- Hyderabad-Dornakal-Vijayawada-Chennai
- Chennai-Bangalore-Coimbatore-Ernakulam
- Pune-Mumbai-Ahmedabad
- Howrah-Haldia
- Delhi-Agra-Lucknow -Varanasi-Patna

A new company "High Speed Rail Corporation of India (HSRC)" has been incorporated to speed up the process of building India's first high speed rail corridor between Mumbai to Ahmedabad.

This two days seminar is being organized in New Delhi on 1st & 2nd February 2013 to identify the challenges and their possible solutions for increasing maximum speeds of passenger trains and also for introduction of new high speed passenger rail systems in India.

SEMINAR OBJECTIVES

The Seminar will provide an opportunity to manufacturers, developers, policy makers, various Govt. agencies, technical experts and stake holders to discuss and review the present status on IR on existing routes and look for new technologies for high speed traction in India. Concepts discussed & exhibited at this seminar will help achieve synergy in thought and action across users, suppliers and utilities. It will also help evolve appropriate policies to make efficient technologies competitive. This is significant in the backdrop of liberalization that facilitates technology import and set up of industries in India. Recommendations from a panel of experts will be drawn for framing strategies for acquisition of new technologies.

COVERAGE

The Seminar will provide international delegates overview of Indian Railways in respect of present passenger rail technology and challenges being faced by them for increasing the maximum speed. Participating experts are expected to focus on international experience on the issues involved in increasing speeds of passenger trains on existing rail systems through better planning, technological up gradation of



installations and rolling stock. For new dedicated high speed rail corridors, topics to be covered will include planning and design norms, available and emerging technologies, social and environment impacts, financing models, commercial sustainability, etc.

PARTICIPATION

International and national railway agencies having experience in development of high speed passenger rail systems, research and development institution, solution providers, industries, project developers and individual experts are expected to participate and sharing their knowledge and experience through papers and presentations. Delegates from IR, PSUs, industries and abroad will get immense benefits out of the deliberations of seminar.

GUIDELINES FOR PREPARING THE PAPER

- The paper should typed in A4 size with 2.5 mm margin on all side in MS-word document with single line spacing and font: Times New Roman, size 12.
- The author's name, designation and organization are to be mentioned below the title.
- An Abstract of the paper may be provided, Times New Roman, size 10, italics
- All figures, annexes, exhibits etc are to be properly indexed and references are to be clearly indicated in the body of the text.
- The maximum length of the paper is to be limited to 6 pages.
- One hard copy of the paper is to be submitted along with a soft copy on a CD. The soft copy may also be submitted through e-mail in advance.
- A brief resume of the author (s) not exceeding 200 words and a Passport size photograph should be enclosed along with the paper.

Papers may be submitted to:

Mr R S Grover

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Mob. +91-9811420246 e-mail : grovers@gmail.com

PARTICIPATION FEE FOR DELEGATES

Registration

Intending participants in the Seminar are requested to fill and return the enclosed registration form along with requisite fee by 30th November 2012.

Fee : US\$ 200 for Foreign Delegate/INR 8000 for Indian Delegate

INR 4,000 for Members of IREE, IE (I), IEEEE, IET (UK), Ministry of Railways, PSUs of MOR.

The fee includes Seminar kit, tea, and lunch.

SPONSORSHIP

The seminar is open to various Sponsorships as under:

Platinum Sponsor : US\$ 10,000 (Foreign)/INR 5 lac (Indian) (One full page Coloured Advertisement and 10 Delegates free)

Gold Sponsor : US\$ 5,500 (Foreign)/ INR 3 lac (Indian) (One full page Coloured Advertisement and 6 Delegates free)

Silver Sponsor : US\$ 3,500 (Foreign)/INR 2 lac (Indian) (One half page Coloured Advertisement and 4 Delegates free)

Bronze Sponsor : US\$ 1,800 (Foreign)/INR 1 lac (Indian) (Quarter page Coloured Advertisement and 2 Delegates free)

Company Logo of all the Sponsors will be suitably displayed at the Backdrop and other suitable places.

ACCOMMODATION & TRANSPORT

Delegates are requested to make their own arrangements for accommodation and transport.



EXHIBITION

Stalls will be available for display at exhibition site adjacent to the seminar venue at nominal charges follows:

Stall size 2m × 3m (approx) : Rs. 50,000/-

PAYMENTS

All payments towards Participation Fee, Exhibition and Advertisements etc. alongwith matter may be sent by Bank Draft / at par Cheque at par drawn in favour of "Institution of Railway Electrical Engineers" payable at New Delhi or through ECS, A/c No. 20373872161, Allahabad Bank, Northern Railway Headquarters, Baroda House, New Delhi, MIRC Code : 110010005, IFS Code : ALLA0210619, PAN No : AAATI1279H and sent to:

Mr R K Atoliya

Honorary Treasurer, IREE

CEDE, Northern Railway, Baroda House, New Delhi – 110001

Phone & Fax : 91-11-23384474/+91-9717630303 e-mail : rohtasatoliya@gmail.com

SOUVENIR

A souvenir will be brought out on the occasion. Applicable tariff for advertisement of size 18.5 cm x 24.5 cm in the souvenir is as under :

	Coloured	B/W
Back cover outside	Rs. 75,000/-	Rs. 60,000/-
Front cover inside	Rs. 50,000/-	Rs 40,000/-
Back cover inside	Rs. 40,000/-	Rs 30,000/-
Full page	Rs. 25,000/-	Rs 15,000/-
Half page	Rs. 15,000/-	Rs 10,000/-

IMPORTANT DATES

Dates of Seminar : February 1 & 2, 2013
Last date of receiving nominations alongwith Fee : December 31, 2012
Advertisement matter with Fee : December 31, 2012
Last date of receiving papers : November 30, 2012

FOR ANY QUERIES, PLEASE CONTACT :

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Road Map



**Manekshaw
Centre
New Delhi**