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### Siemens builds 9000 HP propulsion system to boost Indian Railways' electrification, haulage capabilities

- **The propulsion equipment is completely designed, built and manufactured in India**
- **The high-power equipment will improve haulage capabilities, average speed and utilization of rolling stock assets**

Siemens is equipping Indian Railways 9000HP electric locomotive with the first indigenously-designed and produced integrated propulsion system and steel tank transformer. This propulsion system is uniquely designed to suit requirements of the 9000HP locomotive. Indian Railways is upgrading its electric locomotives from 6000HP to 9000HP as part of its rail electrification initiative.

Siemens is supplying high power traction converters, motors, drive systems and steel tank transformer, which will be part of the propulsion equipment for 9000HP freight and passenger locomotives. These locomotives will boost the haulage capacity of Indian Railways by around 50%, thereby improving average speed and utilization of rolling stock assets. The advanced technology aims to save traction energy cost, thereby reducing fuel expenses and carbon emissions. Chittaranjan Locomotive Works (CLW) has pre-commissioned this indigenous 9,000HP electric locomotive and trial runs will commence soon.

“This important milestone is a step towards fulfilling Indian Railways' vision of complete electrification, enhanced haulage capability and building high-technology systems in line with the Make in India initiative,” said Tilak Raj Seth, Executive Vice President and Head, Mobility, Siemens Ltd.

#### **Contact for journalists:**

Siemens Ltd., Media Relations

Bijesh Kamath, phone: +91 22 3967 7537, 3967 7000

E-mail: [bijesh.kamath@siemens.com](mailto:bijesh.kamath@siemens.com)

#### **Siemens Ltd.**

Birla Aurora, Level 21, Plot No. 1080, Dr. Annie Besant Road,  
Worli, Mumbai – 400030, India  
Tel. : (022) 3967 7000, 3967 7537  
Head, Corporate Communications: Ramya Rajagopalan  
Corporate Identity Number: L28920MH1957PLC010839

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