



दक्षिणरेलवे/**SOUTHERN RAILWAY**

चेन्नैमंडल/**CHENNAI DIVISION**

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प्रेसविज्ञप्ति /**PRESS RELEASE**

**CHENNAI DIVISION ENHANCES GREEN ENERGY INITIATIVES
WITH SOLAR POWER EXPANSION**

Chennai Division of Southern Railway continues to strengthen its commitment to sustainable and eco-friendly operations through the expansion and effective utilization of solar power infrastructure across the Division.

During the financial year 2025–26, new solar power plants with a total capacity of **140 kwp** have been commissioned at **St. Thomas Mount Railway Station, Zonal Electric Traction Training Centre (ZETTC), Avadi, ZETTC Men's Hostel, and Guindy Railway Station**. These installations are expected to generate approximately **2,04,400 units of green energy annually**, resulting in estimated savings of **₹19.21 lakh per annum**.

With these additions, Chennai Division's total installed solar capacity has reached **2494.5 kwp**. During 2025–26, the Division generated **23,15,954 units of solar energy**, resulting in substantial savings of **₹1.43 crore**.

Solar power infrastructure has been installed across a wide range of railway establishments including stations, office buildings, sheds, running rooms, platform shelters and training centers. Major locations include **Chennai Central New Concourse Hall, Moore Market Complex, Tambaram, Chengalpattu, Melmaruvathur, Kanchipuram, Katpadi, Tiruvottiyur, Arakkonam, Royapuram, Jolarpettai, Gummidipundi, Tiruvallur, Tiruttani, St. Thomas Mount, Avadi, Guindy, Basin Bridge and ZETTC**, among several others.

In addition, existing **hybrid renewable energy systems** comprising **500W windmills and 1000W solar units** installed at the **Divisional Railway Manager's Office, Chennai, Moore Market Complex and Light House Station**, further support clean energy adoption and energy efficiency initiatives.

Further, Chennai Division has targeted commissioning of 2600 **kwp** solar power capacity during the current financial year(2026-27). This initiative reflects Division's sustained commitment towards **sustainable development, reduction of carbon emissions, energy conservation and minimising dependence on conventional power sources**, thereby contributing significantly to Indian Railways' green energy mission.

SD/-

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