

## Tata Passenger Electric Mobility Ltd. and Tata Power Renewable Energy Ltd. collaborate to drive zero-emissions mobility in India

*Combined EV and Solar Rooftop solution to result in near-zero running costs for EVs*

**Mumbai, August 6, 2024:** Tata Passenger Electric Mobility Ltd. (TPEML), the market leader in passenger electric vehicles in India, and Tata Power Renewable Energy Ltd. (TPREL), a leading entity in India's renewable energy landscape, a subsidiary of The Tata Power Company Ltd., have joined hands to drive zero-emissions mobility in India through a combined solution of Electric Vehicles and Solar Rooftop Systems. Through this collaboration, TPEML will enable customers to get a solar rooftop system installed through TPREL. In addition, both companies will promote EVs / EV Charging and Solar Rooftop Systems to their respective customers to drive awareness of the benefits of solutions.

Electric Vehicles (EVs), which have zero tailpipe emissions, and solar power systems, which generate emissions-free electricity, are both key enablers in India's journey towards Net Zero emissions. The Government of India has been supporting EVs through multiple initiatives over the last several years, and the recently launched PM Surya Ghar Muft Bijli Yojana aims to provide subsidized solar rooftop installations to 1 crore households.

While both EVs and Solar Rooftop Systems deliver an independent business case for customers, combining the two solutions delivers several additional benefits to customers, such as:

- Reducing the total cost of ownership for EVs
- Reducing the electricity bill for EV customers
- Accelerating the payback for solar rooftop owners who buy an EV
- Providing 100% emissions free power for EVs

In addition, combining Solar Rooftop Systems with EVs de-couples the well-to-wheel emissions of EVs from the grid mix, thus offering a much faster path towards net zero emissions for the transportation sector.

Commenting on the collaboration, **Mr. Shailesh Chandra, Managing Director, Tata Passenger Electric Mobility Ltd. and Tata Motors Passenger Vehicles Ltd.** said, *"India's net zero journey can only be achieved by switching to EVs and renewable power. We see significant synergies between the customers of EVs and solar rooftop systems. Over 90% of EV customers use home charging and nearly 30% of our EV owners are already using Solar Rooftop Systems. Combining forces with Tata Power Renewable Energy Ltd., we intend to democratize zero-emissions mobility and decouple EVs from the grid, while reducing running costs for customers."*

**Dr Praveer Sinha, CEO&MD Tata Power,** said, *"Combination of Solar rooftop and EV is a promising, cost-effective, sustainable solution for India and hence naturally complementary. Both solutions appeal to the same set of eco-friendly and value-conscious customers. We are excited to collaborate with Tata Passenger Electric Mobility Ltd. to drive greater adoption of Rooftop Systems and EVs and provide discerning customers with an opportunity to contribute to reducing emissions while saving money."*

Tata Power is fuelling the growth in the solar rooftop sector through its nationwide campaign on 'GharGharSolar, Tata Power ke Sangh'. Tata Power plans to aggressively promote solar rooftop adoption through its extensive network of over 700 channel partners and retailers to cover every nook and corner of the country. Notably, the company has served over 1,00,000 satisfied customers across India. Tata Power has installed a substantial number of 101,924 home chargers and 5,600 public chargers across India.

Tata Power Renewable Energy Ltd. through its extensive EV charging network of 5,600 public charging points is strategically positioned across India to provide solar-powered charging solutions. Present across prominent highways and diverse locations such as hotels, malls, offices, hospitals, residential complexes, etc., TPREL is playing a pivotal role in accelerating e-mobility adoption across the country.

**About Tata Passenger Electric Mobility Ltd.:**

Tata Passenger Electric Mobility Ltd. (TPEML), a subsidiary of Tata Motors with TPG Rise Climate as an investor, leads the EV revolution in India with the widest portfolio of EVs. It is committed to making EVs more accessible with an extensive range of vehicles and facilitating the creation of charging infrastructure through open collaborations to accelerate the mainstreaming of EVs. With Tata.ev as its customer facing identity and Acti.ev as its pure EV architecture that underpins its new vehicles, TPEML is spearheading India's progress to zero emission mobility.

**About Tata Power Renewable Energy Ltd.:**

Tata Power Renewable Energy Limited (TPREL) is a subsidiary of The Tata Power Company Limited and is one of the country's most significant renewable energy players. TPREL is a developer of renewable energy projects (including solar, wind, hybrid, round-the clock (RTC), peak, floating solar, and storage systems including battery storage) that it owns, operates, and maintains. It also offers comprehensive green energy solutions for rural and urban areas like turnkey, EPC and O&M solutions for various business segments like utility-scale projects, solar rooftop, and solar pump systems. Along with its extensive portfolio of renewable solutions, it has a state-of-the-art solar cell and module manufacturing plant of 530 MW solar cells and 682 MW modules in Bengaluru and plans to set up a Greenfield to set up a Greenfield 4.3 GW solar cell & solar module plant in Tamil Nadu. In addition, TPREL also provides electric vehicle (EV) charging solutions across various segments and other advisory solutions across the renewable sector. As on date, TPREL's total renewable utility capacity is 9,421 MW (PPA capacity is 7,978 MW) including 4,547 MW projects under various stages of implementation and its operational capacity is 4,515 MW, which includes 3,485 MW solar and 1,030 MW wind. Presently, the company's solar EPC portfolio is more than 12.8 GWp of ground-mount utility-scale, over 2 GW of rooftop and distributed groundmounted systems, and over 1,00,000 solar water pumps. TPREL aims to provide energy access to millions of people across the country via its integrated green energy solutions. Know more: [www.tatapowersolar.com](http://www.tatapowersolar.com)

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