

Operational Footprint: Leading Through Performance

REC Limited is committed to the Government of India's goal of becoming Net Zero by 2070. We don't just finance the transition; we embody it. By 2035, REC aims to achieve Climate-Positive Operations, removing more greenhouse gases than we emit.

1. Energy & Emissions: Decarbonizing the Core

While our overall electricity consumption rose to 17,402 GJ due to strategic electrification (EV Conversion & Increase in Employee Count), we successfully decoupled this growth from our carbon intensity:

- *Scope 1 Reduction:* We achieved a 45% decrease in absolute total direct emissions, reducing our Scope 1 footprint by 248.91 tonnes of CO₂ compared to the previous year.
- *100% Renewable HQ:* Our Corporate Headquarters now operates on 100% renewable electricity by Inhouse roof top solar and Green energy facility of DISCOM, that avoids approximately 75% of REC's overall Scope 2 emissions.
- *100% EV/Hybrid Transition:* We replaced traditional third-party vehicles with an in-house Electric Vehicles (EVs/Hybrid). This strategic shift significantly lowers REC's long-term business travel emissions.
- *Energy Intensity:* Despite increased activity, our energy intensity improved to 0.31 GJ/INR Crore (down from 0.32 in FY24).

2. Water Stewardship: Target Zero Discharge

REC views water as a vital resource managed through the 3R Principle: Reduce, Reuse, and Recycle:

- *Radical Efficiency:* We significantly reduced our water intensity from 0.80 KL/INR Crore in FY24 to 0.30 KL/INR Crore in FY25.
- *Circular Systems:* Our Corporate Office operates as a Zero Liquid Discharge (ZLD) facility. 100% of wastewater is treated via an in-house Sewage Treatment Plant (STP) and repurposed for horticulture.
- *Rainwater Harvesting:* We utilize centralized stormwater systems to capture and treat rainwater. Approximately 7,500 KL of rainwater is repurposed annually for building operations.

3. Waste Management: A Circular Economy Approach

Our strategy focuses on diverting waste from landfills through certified recycling and digital transformation:

- *100% E-Waste Recycling:* In 2025, we continued our track record of recycling 100% of all electronic waste through certified vendors, preventing hazardous materials from entering the ecosystem.
- *Waste Intensity:* Our total waste generation stood at 42.13 MT, with a reduced intensity of 0.00075 Tonnes/INR Crore.
- *Digitalization:* The extensive adoption of electronic documentation and "e-office" workflows has significantly lowered our paper consumption, moving us toward a fully paperless environment.
- *Plastic-Free Mandate:* We are on track to phase out all single-use plastic water bottles from every REC office pan-India by the end of 2025.

The Result: With a Sustainalytics "Low Risk" rating of 15.9, REC Limited continues to prove that operational growth and environmental responsibility are mutually reinforcing. We remain committed to becoming a Climate-Positive organization by 2035.