

Energy Storage on IR

- 200 MW/800 MWh BESS for BSUL power.
- 250 MW/ 1000 MWh BESS for IRPL power.
- 17MW Solar + 12.5 MW/ 50 MWh BESS at Dahod on Railway Land.

Nuclear & Hydro Power on IR

Hydro Power

- 400 MW Hydro Power PPA executed by NR with THDC.

Nuclear Power

- MoU between Ministry of Railways & NPCIL in advance stage
- Pre-feasibility on Nuclear Power Plant for IR.

Mission

- Exploring business opportunities in Green Energy field i.e. Wind and Solar for generating and selling Renewable Energy, mainly for Railways consumption.
- Facilitating cost efficiencies in the Energy Management for Railways by Power Procurement through Tariff based competitive bidding.
- Consultancy business in Energy management area .
- Management of 60 BUs of Traction Energy by 2030 .
- Achieving Net Zero Carbon Emitter status of Indian Railways for Scope II Emissions by 2030.



Energy Monitoring

- State of art 24x7 NEMC with Realtime communication from SEMCs Pan India.
- Facilitates Railways in utilization of un-requisitioned Surplus power .
- Advising Real-time revisions based on revision of generators declared capacities.
- Advisory to Zonal Railways on Exchange power price.
- Monitoring Renewable Energy compliances.

Financial Performance

Turn Over (FY 2024-25) - 140Cr
Net worth (31.03.2025) - 223 Cr

Contact Us

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(A JV OF RITES LTD. & MINISTRY OF RAILWAYS)

About Us

REMCL is a JV between Ministry of Railways and RITES Ltd. with equity participation in the ratio of 49:51, incorporated under Companies Act 1956 on 16th August, 2013. REMC Ltd. is registered with EXIM bank as technical & Procurement expert. REMC Ltd. is REIA for Railway Solar Projects.

Business Areas of REMCL:

- Power Procurement & Planning.
- Renewable Energy Planning & Execution.
- Procurement of Renewable Energy on round the clock basis for IR.
- GHG accounting & Net Zero planning.
- Advisory on Regulatory Matters.
- PMC services for Energy monitoring & Renewable Projects.
- Nuclear Power for Indian Railways.
- Hydro Power for Indian Railways.
- Energy Storage Options.

Renewable Energy Portfolio

Solar Power Projects:-

- 1.7 MW at Bina Commissioned in Jun'2020.
- 2.5MW at Diwana Commissioned in Oct 2020.
- 50 MW at Bhilai on Railway land Commissioned in April'2023.
- 500 MW IRPL: 300 MW commissioned .
- 195 MW RUMSL : 175 MW commissioned.
- 800 MW from Bundelkhand Saur Urja Ltd.
- 3 MW Ground & Rooftop Solar for DFCCIL.
- 1.25 MW Rooftop Solar for MRVC.
- 0.22 MW Rooftop Solar for CONCOR.



50 MW Solar Power Plant at Bhilai



26 MW Wind Power Projects, Jaisalmer, NWR

Wind Power Projects

- REMCL 26 MW Wind power plant in Jaisalmer- COD on 16.10.15(NWR).
- 50.4 MW plant in Maharashtra (CR) Commissioned on 26.03.2017.
- 6 MW in Maharashtra (CR) Commissioned on 05.01.2019.
- 10.5 MW in Tamil Nadu (SR) Commissioned on 05.01.2019.
- 50 MW Wind Project for Central Railway.

GHG Project of IR

- Successfully conducted GHG emission data accounting, verification, validation & removal/saving.
- Identification of potential carbon offset projects for IR under Scope I & Scope II.
- Developed Web based App for GHG data entry & GHG Accounting for IR.
- IIT Delhi acting as Knowledge Partner.
- Net Zero for Scope-I in place.
- Net Zero for Scope II planned by 2030.

Renewable Power [Round The Clock]

- 100 MW Tied up with SECI- May' 2022. Power commenced from Jan'2024.
- **PHASE-I** 900 MW RTC power awarded to
 - M/s Sprng Akshay Urja Pvt Ltd.(100MW),
 - M/s Project Nine Ren. Power Pvt Ltd (300MW)
 - M/s NTPC Ren. Energy Ltd. (500 MW)
- **PHASE -II** 600 MW RTC Power awarded to
 - M/s Torrent Power Limited (100MW),
 - M/s ReNew Solar Power (200 MW),
 - M/s TEQ Green Power XIII (100MW) and
 - M/s NTPC Renewable (200 MW)
- **PHASE-III** 1000 MW RE-RTC under procurement, opening in Q2.
- **PHASE-IV** of 1000 MW & **PHASE-V** of 500 MW upcoming in 2026-27.

