



ABOUT TCIL

In 1978 Telecommunication Consultants India Ltd. (TCIL) was founded with the main aim of spreading Indian telecom excellence in the developing and under developed countries. Today TCIL has surpassed its own benchmarks and earned global recognition.

Matching technical expertise with a strong focus on customer satisfaction TCIL has been offering flexible specialized solutions to its customers. Our services range from Consultancy, Planning to Commissioning of Projects and Training, not only in telecom sector but also a diverse palette of information Technology, Civil Projects, Power Sector, Infrastructure Development and so on.



SOLAR POWER SUPPLY SYSTEMS

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SOLAR POWER

The century is seeing an increasing change from conventional power to Renewable Power Source. Out of these Solar Photo Voltaic Systems are projected to become a dominant Source of Power. The total solar energy received by earth's surface over a period of one year is approximately 222,504,000 TeraWatt-hours. This is roughly more than 10000 times the total electricity consumption for the whole world.

WHY TCIL

TCIL intends to bring about a change in energy solutions for the telecom sector and other sectors with new innovative technologies. TCIL has the capability to establish a wide range of Solar Power Supply Systems that has been designed to serve the need for an economical & reliable power source. TCIL, being a Govt. Enterprise, offers a complete transparency of operations during every stage of the project execution. TCIL provides a complete turnkey solution starting from system design, procurement, implementation, as well as operation and maintenance of the system.

SOLUTIONS OFFERED

TCIL offers Grid Interactive and Off-Grid Solar Power Supply systems to meet the present-day industry requirements. The designed system can be a rooftop solution for a home or business enterprise or a green field power plant for higher capacity systems. The offered solutions will be a field-proven system using state-of-the-art technology.

For Telecom Sector – The power can be designed as a standalone system or a hybrid system with a secondary and even tertiary back-up system from grid supply/gen sets/other renewable power source, wherever feasible. The solution is ideal for reducing recurring expenses on fuel or power tariff and for expansion of footprint to remote areas where infrastructure is scarce.

TCIL IN SOLAR PROJECTS

- ❖ TCIL has implemented Solar Power Plants for running Telecom Base Station Towers across Nepal, Bhutan and Afghanistan.
- ❖ TCIL has also implemented Solar Plants for Indian Railways for various applications viz., Railway Crossing, etc.
- ❖ TCIL has undertaken various government-initiated projects for implementing Solar Power Plants in Ethiopia & other African countries.
- ❖ TCIL is carrying out the work of designing, Supply, Installation, Commissioning of Solar Power Pack systems including 05 years comprehensive warranty maintenance in various districts of Uttar Pradesh for UPNEDA.
- ❖ TCIL is providing Solar Power Supply in approximately 1,00,000 Branch Post Offices spread over entire India as part of Rural ICT solution for Department of Posts (DoP).
- ❖ Providing consultancy for implementation of Solar Power System for various Toll plazas for Ministry of Road Transport & Highways (MORTH).

