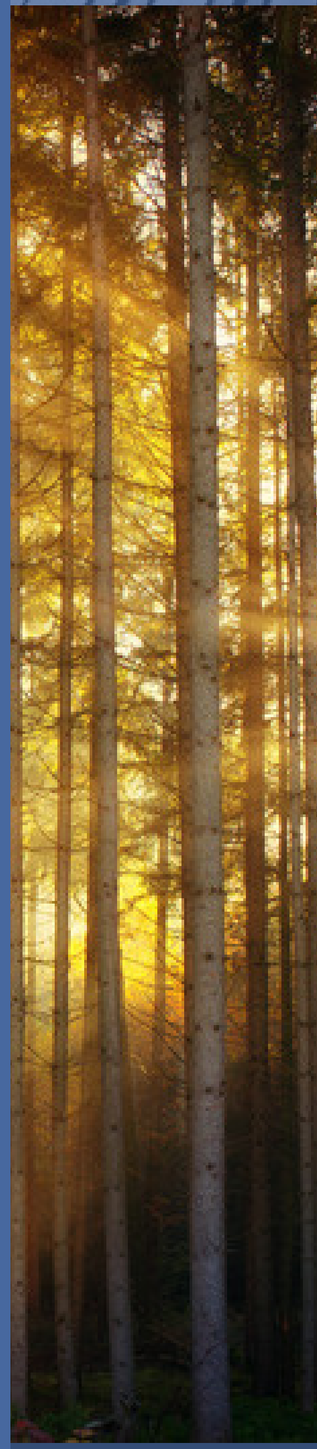
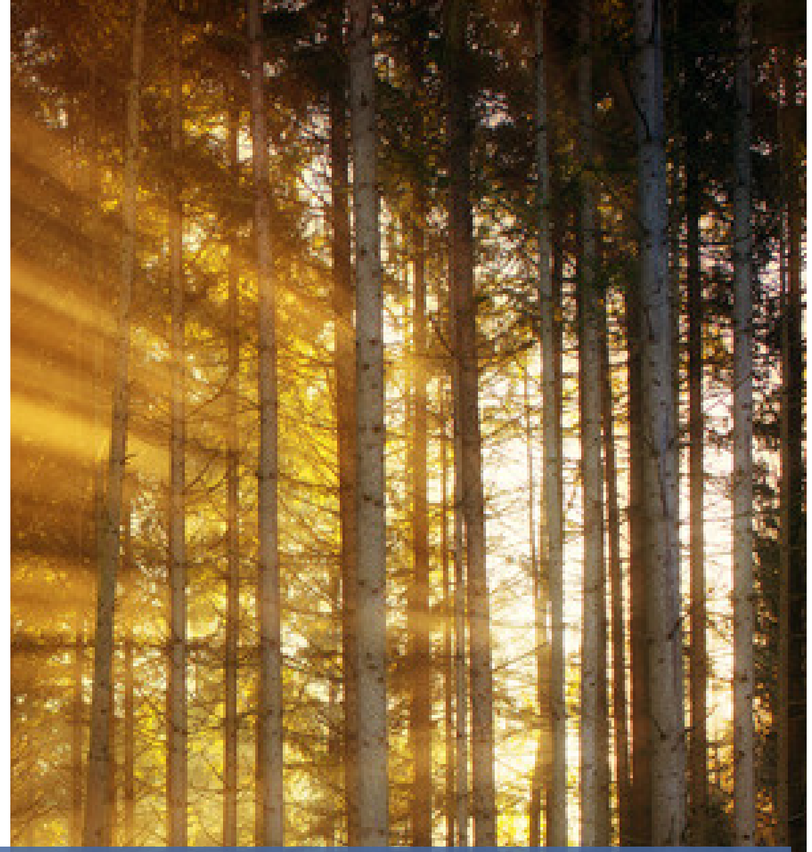
SCINTILLA SOLAR CORPORATION

- We Harvest Sun

CORPORATE PRESENATION



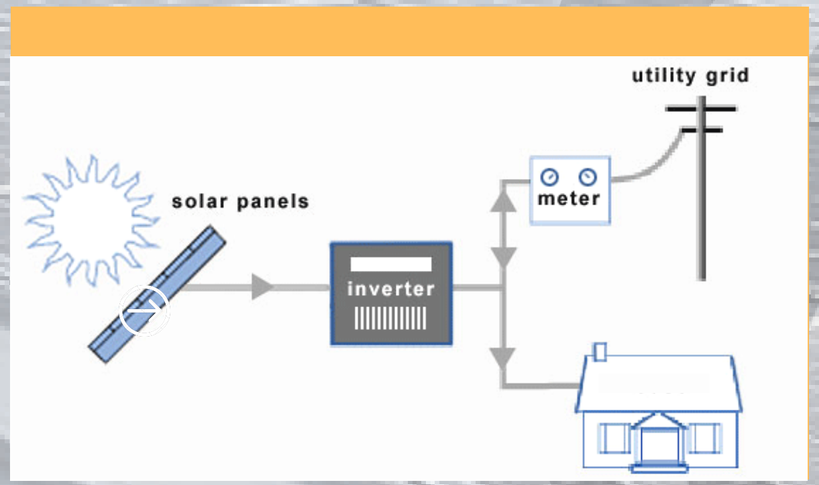
About Us



Scintilla Solar Corporation is a Solar EPC Company, that undertakes industrial rooftop solar projects, pan India. We are committed to provide best in class services to our clients, which includes robust solar consultation services, superior plant designing and competitive pricing.

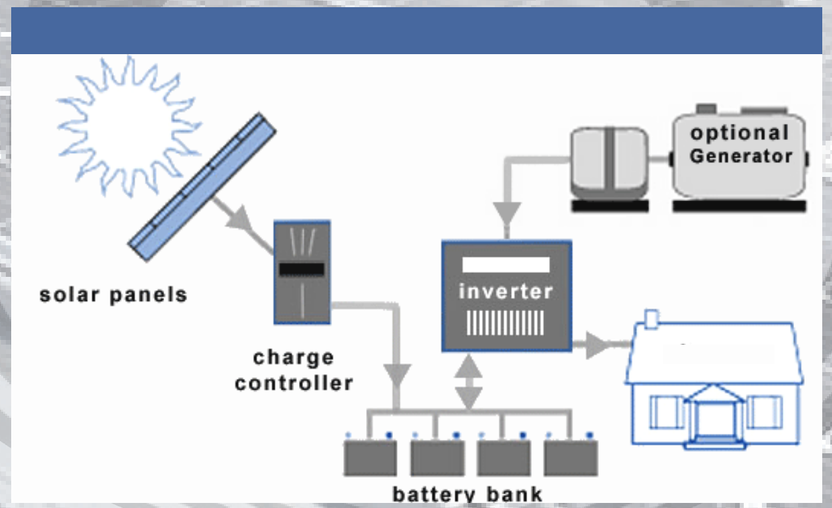
Our team, includes a dedicated group of professionals with a combined experience of more than 45 years in the industry. We specialise in grid connected solar power plants, for optimal energy production and savings.

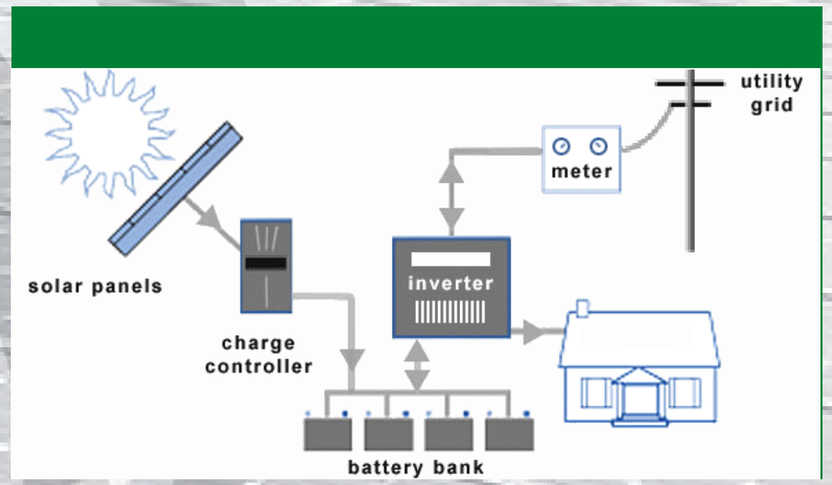
Solar System Solutions Offered



GRID TIED SYSTEM

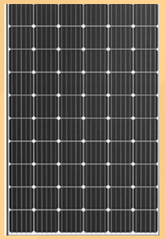
OFF-GRID SYSTEM





HYBRID SYSTEM

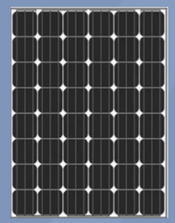
Solar System Panels Offered



PERC C

PERC is a new technology that is currently available in the form of Mono and Poly cells. Solar cells generally have an emitter layer on the front surface and a black coating on the rear side. On the other hand, Passivated Emitter and Rear Cell (PERC) uses dielectric passivation film on the rear surface of the cells. Thus, in PERC cells, the front surface absorbs sunlight while the rear surface absorbs the scattered or reflected light. This results in higher generation than their traditional counterparts due to higher light absorption and internal reflectivity. These two factors adds multiple benefits to the end users

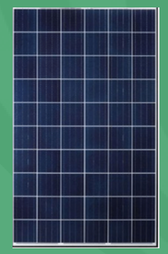
Advantages: Better flexibility - provides the end-users with more tilt and placement options without compromising efficiency
Higher energy density- lower levelized energy cost leads to lower payback periods.



MONOCRYSTALLINE PANELS

Monocrystalline Solar Panels have cells made of silicon wafers. To produce a monocrystalline panel, silicon wafers are arranged in rows and columns to form a rectangle. Monocrystalline solar cells are cut from a single, pure crystal of silicon.

Advantages: High efficiency/performance, Aesthetics



POLYCRYSTALLINE PANELS

Polycrystalline panels are also made up of silicon wafers, which are arranged in rows and columns to form a rectangle, but the polycrystalline solar panels are composed of fragments of silicon wafer, that are melted together in a mould before being cut into wafers.

Advantages: Low cost

Work Flow

APPROVALS FROM CONCERNED GOVT AGENCIES
ESTIMATED TIME - 28 DAYS

PHASE 1

Site Survey & Project Feasibility Test

PHASE 2

Creation & Submission of Detailed Project Report (DPR)

PHASE 3

Permissions from concerned Govt. Agencies

PHASE 4

Virtual Simulation, Design Layout & Site Preparation

PHASE 5

Installation

PHASE 6

Commissioning & Project Handover

Note: Approval timelines are subject to various state policies and guidelines

Scope of Work

- SYSTEM DESIGN AND ENGINEERING
- SUPPLY OF ALL PROJECT RELATED MATERIALS (SUCH AS PV MODULES, INVERTERS, CONTROL PANELS ETC.)
- PEDESTAL AND CABLE CONDUIT FITTINGS
- INSTALLATION AND COMMISSIONING OF ALL ELECTRICAL COMPONENTS
- PROJECT PLANNING AND CONTROLLING
- ALL THE TECHNICAL SUPPORT AND DOCUMENTATION REQUIRED FOR STATUTORY AND REGULATORY APPROVALS
- ANNUAL OPERATIONS AND MAINTENANCE - FOR 5 YEARS

Deliverables

SITE SURVEY REPORT

RETURN ON INVESTMENT FIGURES

DETAILED PROJECT REPORT

PROJECT PROPOSAL

GOVERNMENT AGENCY APPROVALS

PHASE WISE PROJECT PROGRESS REPORT

PHASE WISE INVOICE

MATERIAL WARRANTY CARDS

ANNUAL O&M REPORTS

The Scintilla Solar Advantage

- Superior Technical Knowhow
- Precise Designing using Latest Software
- Competitive Costing
- 24/7 Online Project Monitoring
- Customised Projects
- All Required Govt. Approvals covered in Services
- Project Financing Assistance through NBFC's & Nationalised Banks

For more information contact us at enquiryscintillasolar@gmail.com OR Call us at +91 9389723303 / 9389714987

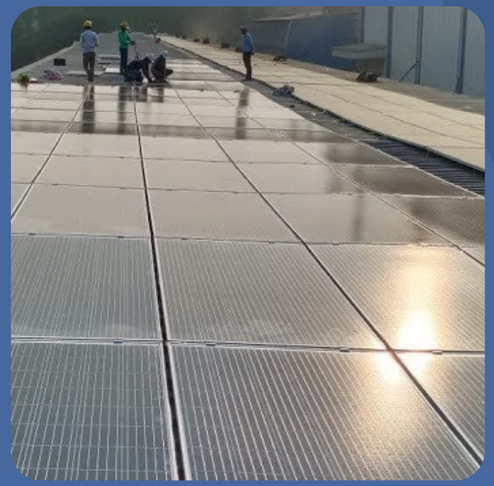
Benchmark Projects

Project Code - 2009

Project Code - 7092

Project Code - 7193

Project Code - 1209



Project Code - 18620

Project Code - 16620

Project Code - 7294

Project Code - 16621

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WEBSITE

www.sscindia.org

EMAIL

enquiryscintillasolar@gmail.com

CONTACT NUMBER

+91 7060016494 / 9389714987