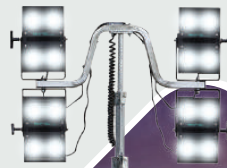


Ramasis Energy[®]
Expertise Worldwide



*"Turnkey Execution of Power Generation
Plants and Coal Handling Plants with EPC
& OEM Services"*

COMPANY PROFILE

- ▶ Pre-Project Engineering & Land Acquisition
- ▶ Project Management
- ▶ Quick Installation & Commissioning
- ▶ Operation & Management
- ▶ Excellent Compatibility
- ▶ Excellent Adaptability
- ▶ Great Flexibility
- ▶ Long - Term Durability
- ▶ Customized





About us: Ramasis Energy is the next-generation company, that believes in working with the latest advent of technological factors, which is established as a Manufacturer and Turnkey Solutions of Energy Products and Services, it's all products under the brand name **"Ramasis"**, our presence in Domestic as well as International Markets, we are committed to its quality, safety policies and customer satisfied, The company has developed an internationally accredited expertise in engineering, the technology of procurement, project management, construction and commissioning with a strong command over asset management under one roof.

We have a dedicated team of professionals with experience of more time in the field of designing commissioning Solar Power Plants and providing technical solutions for power generation systems, who are justified on the ground of technological **"Expertise Worldwide"**.

Our vision is to be a leading world-class manufacturer, Exporter with project development and annual maintenance services, and providing the range of latest & high-quality solar power systems and Coal Handling Plants to become a global company that leads in the use of reliable solar power and contributes to the protection of the environment for future generations.

Our Mission Our aim is to accelerate the adoption of solar technology and Coal handling plants across the world to conserve our environment and provide an environmentally friendly, sustainable, and conflict-free power supply that is cost-effective, affordable, and quickly scalable. Our success will be measured by our consumers and our above mission will help us to achieve it.

Why Us: We are providing premium brands and services with an experienced installation team. In-home power consumption design & Infrastructure & Technical Expertise. One point contract Responsibility. With significant collaboration, technical know-how support makes us the most preferred power solution provider to our customers.

OUR PRODUCT & SERVICES

SOLAR POWER SYSTEM:



We provide turnkey solutions of Solar PV-based Power Generating On-Grid Systems for Industrial & Residential Projects. On-Grid Solar Roof-Top Systems/ Solar Power Plants are systems that generate electricity through photovoltaic panels. These systems are designed and installed to cater to the electricity requirements of an industry or residence. These are like captive power plants, wherein the power generated is used for the day-to-day requirements of an entity. The entire system comprises Solar Photovoltaic Panels mounted on suitably designed module mounting structures, and a PCU (Power Conditioning Unit)/Solar-Inverter to convert the Direct Current (DC) generated by the PV Array to Alternating Current (AC). The panels can be mounted either on the rooftops of any structure, empty grounds or for that matter any shadow-free zone, the direct benefits include:

- » Solar PV Systems from Tier-1 companies with Quality installations for long-term Generation.
- » They reduce the electricity consumption and the ensuing expenses on Electricity/DG.
- » In-case load is lower than the Generated power, solar power has directly supplied to the load, & excess power is transmitted to the grid.
- » In case of the load is more than the generated power, solar power has supplied to the load remaining power will be imported from the grid.
- » Suitable for large plants & for locations having a net metering system.
- » Completely customize the design so it is more acceptable per the site & customer's requirements.
- » Eco-Friendly.

EPC SOLUTION OF SOLAR POWER PLANTS



Engineering, Procurement, & Construction of Solar Power Plants for :

- » Solar PV Array.
- » Module mounting structures with suitable roof mounting (Sheet / RCC roofs).
- » Solar utility-scale projects, XLPE, Cu cable for module interconnection & ACDB with the Metering system.
- » XLPE, Cu cable for module interconnection & ACDB with the Metering system.
- » Earthing system as per IS 3043 & Other Miscellaneous Hardware (Connectors, Lightning Arrestor, etc).
- » Inverter with MPPT charge controller for roof mounting system.
Data Monitoring.
- » Complete Erection & Commissioning as per IEC / Standard compliance.

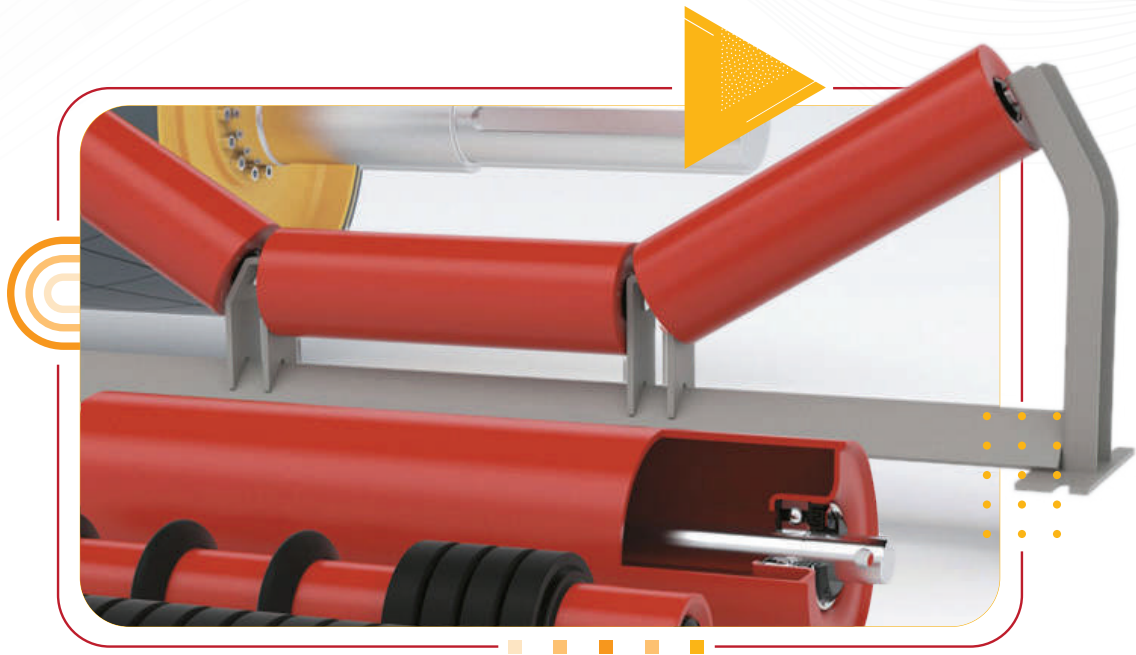
O&M Services of Solar Power Plants:

Operations and Maintenance Services for Solar Power Plants.

We offer Solar System and Services

- | | |
|---|---|
| » Available from Solar EPC rooftop (kWp or MWp) | » CDB/ DCDB/ Electrical Remote Monitoring |
| » Solar Farms (MWp) | » Preventive / Corrective Maintenance |
| » Solar Inverter, Mounting stretch | » Solar utility scale projects |
| » CAPEX , OPEX or RESCO Models | » O & M for Existing power plants |

CONVEYOR ROLLERS SYSTEM



We have a top-rated factory for conveyor roller manufacturing that is well equipped with all the machines and equipment for making a customized right on-demand roller for you. You can choose from all types of rollers for conveyors that can be used in different applications and load capacity requirements for Coal Mining, Open Mining, Power Plants, Defense, Ports and Shipyards, Oilfield- Gas, Petroleum, Food Distribution, and Logistics, etc.

Coal Handling and Power Plant Systems: Our Coal Handling and Power Plant equipment and components of Conveyor Rollers, Flat Belt Conveyors, Belt conveyors, Conveyor Rollers, and Pulleys.

EPC Solution of Coal Handling and Power Plant: Engineering, Procurement, and Construction of Coal Handling and Power Plants.

O&M Services of Coal and Power Plants: Operations and Maintenance Services for Coal Handling Plants & Power Plants.

Advantages of Coal Conveyor System:

- » Using our coal conveying systems is a cost-effective way to transfer coal for medium and large-capacity power plants.
- » For users, we can provide an easy way to vary speeds for specific needs and applications.
- » The repair and maintenance are very minimal.
- » It is to remain flexible in different types of weather by easily installing overhead covers.
- » The power consumption to carry coal is minimal compared with other conveyors.
- » Rollers are designed for smooth rotation, low noise, and long service life.
- » Waterproof and dustproof.
- » Each roller comes out through strict inspection and testing to ensure high-level quality.
- » Roller Surface Colour: Any color as per customer request.

PORTABLE EMERGENCY LIGHTING SYSTEM TOWER TYPE WITH AC GENSET



We design and manufacture high-quality Telescopic Mobile Tower lights, for the Military and security/ rescue forces, Coal Mining, Open Mining, Ports and Shipyard, Oilfield- Gas, and Petroleum. They are used around the world. It's all products under the brand name of “**Ramasis**”, Turnkey customized solutions and system integration are our strengths.

**Portable Telescopic AC
Genset Mobile Tower Light**

**Portable Telescopic
Solar Mobile Tower Light**

**Vehicle Mounting
Mobile Tower Light**

Portable Emergency Lighting System Tower Type with AC Genset:

Key Specifications/Special Features:

- » Light tower from 5KVA-20KVA available.
- » Adjustable, fully rotational Telescoping mast height 4 to 18 Meters.
- » Lightweight, compact size, and easy for transportation.
- » One-touch start & stop.
- » Simple analog controls are easy to use and allow for individual light operation.
- » Engine protection device available.
- » Trolley with three-four jacks and towing hook.
- » Luminaries can be rotated 360 deg to provide light in any direction.
- » Sufficient Lighting hours.
- » International style and design.
- » Fuel-efficient engines & Easy maintenance.
- » Low oil pressure/ high-temperature automatic shutdowns.
- » User-friendly equipment.

PORTABLE SOLAR MOBILE TOWER LIGHT:



Ramasis one of the largest manufacturers of Solar Mobile Lighting tower systems, Our Solar Light Towers are ideal for Outdoor Night Operation or Work, especially where electricity is out of reach and a mobile solar light tower generator provides light without noise and without an external power supply and reduce electricity cost.

Application uses for: We have specially designed movable Solar Mobile Tower Lights for “Coal Mining, Open Mining, Military Operations, Ports and Shipyards, Oil and Gas Sites, Infrastructure / Roadwork, Base Camps, Outdoor Events and Commercial Construction, etc.”

Key Advantages Portable Solar Tower Light: The advantages of solar lighting towers are numerous in terms of features, quality, and environmental impact. Our solar lighting towers provide you with

- » Portable Lighting tower form 3 KVA to 5KVA
- » Bright energy-efficiency lights
- » No Fuel Cost
- » Reduced carbon emissions and pollution
- » Zero noise enables use close to residents
- » Lightweight, compact size, and easy for transportation
- » Luminaries can be rotated 360 deg to provide light in any direction
- » Eco Friendly
- » Telescoping mast, 20- or 30-foot height depending on model
- » Automatic photocell-controlled on/off
- » Manual operating mode Silent operation
- » Battery powered
- » Automatic solar charging
- » Adjustable-tilt solar panel array
- » User-friendly equipment

SOLAR MOBILE SURVEILLANCE SYSTEM



Ramasis one of the largest manufacturers of Solar Mobile Surveillance Systems, our Solar Mobile Surveillance System is suitable for 24/7 Surveillance of wide areas including border “**Coal Mining, Open Mining, Military Operations, Ports & Shipyard, Oil and Gas Sites, etc.**”. Ramasis has been specifically designed to limit the impact of the Alert System on the vehicle while ensuring that it continues to excel in remote and extremely rugged terrain applications. The Mast assembly is a telescoping system of polygonal sections with an internal spindle drive capable of operating at any intermediate height. With the touch of a button, the mast is able to automatically tilt, level, extend, and fully operational in less than 2 minutes.

The system contains built-in video analytics functionality providing verification and alerts, allowing for automated and intelligent surveillance.

Key Specifications ALERT Mast Surveillance Camera System:

- » 24/7/365 Operation
- » No Need for any supporting
- » Easy to move and relocate if required
- » Significant cost-reduction on security guards
- » All-in-one rapid deployment mobile surveillance trailer
- » Integrated blue lights, sirens, and audio voice down for maximum visual deterrence
- » Compact and easy to transport
- » Quick and easy to install - 20 minute / 1 person
- » Remote access to cameras at any time via any device
- » 20-foot tower - rotates nearly 360 degrees
- » Silent operation
- » Year-round autonomy
- » Integrated 4TB SSD internal storage
- » Built-in video analytics for intelligent surveillance
- » Towable by most vehicles
- » Full remote configuration
- » Easy to support
- » No geographical restrictions

MECHANICAL FABRICATION & INSTALLATION WORKS



Ramasis Energy provide in house design, services and turnkey solution of EPC (Engineering, Procurement and Construction) work of Solar and Power Projects worldwide. We see it as our mission to help our customers use electrical power effectively, our automated Process Solutions We manufacture Industrial fabrication works such as our capabilities includes:

- » Custom Fabrication
- » Fabrication & erection of heavy steel structures for coal bunkers, switchyards, power plants, Refineries & Chemical plants, etc.
- » Fabrication & erection of Wind turbine
- » Solar Structure
- » Structural Supports
- » Balance of Plant Structures
- » Transformer etc.

Whether you need complete plant design solutions or standalone services for your structural requirements, the Ramasis team can provide comprehensive engineering designs for your structures ensuring functionality, manufacturability, and esthetics.

CLIENT PROFILE: OUR 90% PRESENCE IN GOVERNMENT & SEMI GOVERNMENT ESTABLISHMENTS LIKE:



REGISTERED IN:





CONTACT US



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Thank You for Your Business!