

COMPANY BROCHURE

ARA SUSTAINBLE ENERGY SOLUTIONS

Everything Renewable

ABOUT US

WELCOME TO ARASES



We are a comprehensive Engineering, Procurement, Construction, and Consultancy firm dedicated to Solar and Wind Energy solutions. Our consultancy team oversees every aspect of the project lifecycle, from design through installation and operation.

Additionally, we specialise in designing, installing, and maintaining solar plants for Residential, Commercial, and Industrial clients, offering tailored solutions to meet their renewable energy needs.

VISION

To be a global leader in renewable energy engineering and consultancy, driving forward the transition to clean, sustainable energy solutions for a greener and more sustainable future.

MISSION

To empower sustainable energy adoption through engineering solutions and comprehensive consultancy services in Solar and Wind Energy, ensuring client success at every stage of the project lifecycle.

CORE VALUES



Customer First



Endeavor for Excellence



Innovation



Accountability



Trust and Respect



Transparency



Continuous Improvement



SERVICES AT A GLANCE



Solar Project Development



Solar System Design



Solar Installation



Solar Operation and Maintenance



Consultation in Solar and Wind Energy

Services

1



Solar Project Development

We optimize solar project development from start to finish, delivering efficient and sustainable energy solutions through expert coordination and planning.

2



Solar System Design

We specialize in creating highly efficient and reliable solar plant designs by seamlessly integrating site-specific factors and technical expertise to maximize energy output and durability.

3



Solar Installation

We transform construction-ready drawings into cost-effective, high-quality projects with top-tier materials, efficient planning, and transparent communication, ensuring superior results and client satisfaction.

4



Solar Operation and Maintenance

We ensure optimal and sustainable solar system performance through meticulous testing and maintenance, including panel cleaning, defect inspections, component replacements, performance validation, and obstruction removal.

5



Consultation in Solar and Wind Energy

We provide tailored technology assessments and consultation for optimizing solar and wind energy projects through site-specific recommendations and expert support throughout the project lifecycle.

Our 4-D Process for Solar



Define

We gain a clear understanding of your project's goals, site specifics, energy needs, budget, and timeline. We ensure every detail is aligned with your vision while navigating regulatory and environmental considerations with ease.

01



Design

We craft a tailored detailed design that meets your exact project needs. From construction-ready drawings like module/string layout, SLDs to precise system specifications like BOM, we engineer the system using standards and norms.

02



Develop

We bring your design to life. We handle everything from securing permits and financing to procuring equipment. Our team coordinates with suppliers, contractors, and ensures all regulatory requirements are met.

03



Deliver

We rigorously test your solar plant's performance and provide comprehensive documentation, training, and ongoing support to ensure seamless operation, management and delivery.

04



Why Choose Us?

ARASES provides end-to-end solutions for clients looking to harness solar energy, covering everything from initial consulting and design to installation performance optimization and maintenance.

Expertise and Experience



Tailored Solutions



Industry-Leading Technology



Quality Assurance



Customer Support



Expert Guidance Throughout Project Lifecycle





How will your Solar System Work?

"A Solar Photovoltaic (PV) system harnesses sunlight to generate electricity through solar panels composed of photovoltaic cells, typically made from silicon. When sunlight hits these cells, it creates an electric current by displacing electrons, producing Direct Current (DC) electricity. An inverter then converts this DC electricity into Alternating Current (AC), which is the standard form of electricity used in homes and businesses. The generated AC electricity powers your household appliances, and any surplus energy can either be fed back into the electrical grid for credits (in a grid-tied system) or stored in batteries for later use (in hybrid system). Solar PV systems are efficient, environmentally friendly, and require minimal maintenance, offering a reliable and sustainable energy solution."

Advantages



Lower energy costs

Solar energy is a renewable, sustainable alternative to finite fossil fuels.



Solar subsidy

Customers can avail subsidy under PM-Surya Ghar Yojana for residential rooftop systems.



Increased property value

Solar systems can boost property value by offering lower energy costs and environmental benefits.



Energy independence

Solar power reduces grid reliance and enhances energy security.



Renewable and Sustainable

Solar energy is a renewable, sustainable alternative to finite fossil fuels.



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