



**Albario Engineering (Pvt) Ltd.**  
Energy & Infrastructure



**SOLAR DIVISION**

# **Empowering The Future With Solar Energy**



## Who We Are?

Albario Engineering (Pvt) Ltd. is a One Window Solution Provider in Energy, Industrial Solutions and Infrastructure Development. The Group excels in diversified business activities, ranging from Engineering, Procurement & Construction, Electro-Mechanical Contracting, Civil & Infrastructure Development, Operations & Maintenance, Turnarounds, Upgradation & Rehabilitation Services, Consulting & Technical Trainings, Hydro, Solar & Wind, Gas Engine Spares & Services, EV Charging Solutions, and Manufacturing of Transformers.

AEPL is a pioneer in the Solar Industry, offering diverse turnkey Renewable Energy Solutions, including Engineering, Procurement & Construction (EPC), Energy Purchase Agreements through its JV Entity, and specially tailored Payment Solutions. Providing clean, cost-effective, and reliable solar power has been AEPL's priority. Our team comprises of highly-qualified personnel experienced in Solar technology.



OUR SOLUTIONS ARE  
**GREEN, CLEAN, AND SMART**

## AEPL & Sustainability

Fostering a Love of Clean Energy !

AEPL is dedicated to playing its part in climate change - and making provision of healthy environment a reality by delivering Green & Clean Energy. The company currently extends its renewable energy expertise in the Solar, Wind, and Hydro sectors.

## Our Energy Portfolio

Decades of Experience Across Energy Value Chain

The company is a humble contributor in supporting its Foreign OEM & Construction Partners and EPC Companies in building over 10,000 MW Combined Cycle, Thermal, and Renewable Projects across Pakistan and in the Region. AEPL has managed O&M of over 6,000 MW Power Projects on a long-term basis, covering both Fossil and Renewable Technologies.

## Our Solutions

Offering Exceptional Solar Solutions for Every Need

Our marketing, sales, engineering, construction, and customer service teams strive to provide the best solutions to our customers in line with their needs. We cover Residential, Commercial, Industrial and SME requirements.



### INDUSTRIAL

We provide highly efficient mass Solar Systems that sync with your existing power generation system that can power your industries all year long.



### COMMERCIAL

We offer the best available technologies to create cost-effective Renewable Energy for your commercial space.



### RESIDENTIAL

We follow a customized approach to offer residential Solar Solutions of different capacities as per your unique needs.



### SMEs

Do you own a small- or medium-sized business and are unsure of what Solar Solution to get? We can tailor-make a Solar System to cater to your needs.



## Our Services

We Are the Best in Business !

Whatever your unique solar energy needs, AEPL has a solution. Our robust portfolio provides an impressive array of powerful, clean solutions. Every service is designed - for maximum savings, optimal performance, long-term reliability, and sustainability.



### Engineering, Procurement & Construction (EPC)

AEPL provides customized turnkey Solar Solutions. Our experts undertake detailed feasibility analysis to design robust, optimized, and complete Engineering, Procurement, and Construction (EPC) Solutions.



### Operations And Maintenance (O&M)

Keeping your Solar Panels at peak efficiency ensures maximum return on investment. Solar Panels that are properly maintained can last for many years. AEPL also provides operations and maintenance and Solar asset management and monitoring services.



### Power Purchase Agreement (PPA)

A Solar Power Purchase Agreement (PPA) is a financial agreement - where we arrange for the design, permitting, financing, and installation of a Solar Energy System on a customer's property. AEPL, through its JV Entity Prism Energy, sells the power generated to the customer at a rate that is typically lower than the utility's retail rate. PPAs typically range from 10 to 25 years, and the developer remains responsible for the operation and maintenance of the system.

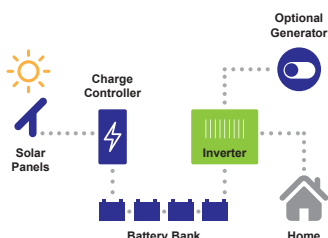


### Build-Operate-Transfer (BOT)

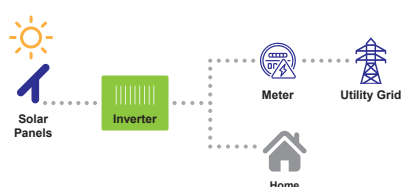
Under Build-Operate-Transfer (BOT) contract, we provide and install the plant and include an operating service package. The plant usually remains the property of the customer, and they purchase electricity produced. They take over operations of the plant after a pre-arranged span of time.

## Solar Configuration Systems

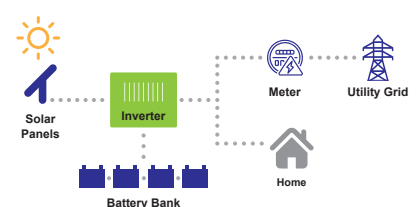
### OFF GRID



### GRID TIED



### HYBRID



## Why Choose Us?

### Making a Sustainable Difference !

We strive to build a sustainable future and pave the way for growth, demonstrating unmatched excellence, integrity, and constant development.



#### Unprecedented Pre-Sales Support

Our team of experts makes sure to support; our customers throughout their journey of switching to Solar. From educating about the benefits of Solar Energy to advising about the best solution for them, we help our customers secure the best value for their money.



#### Constant Development

Providing better value to our customers by continuously improving quality and service is in accordance with our futuristic approach towards business. We support the free flow of ideas and creativity and constantly focus on unconventional thinking.



#### Innovative Solutions

AEPL's Solar Solutions deliver the highest energy production, high performance, and unmatched reliability. We make sure that you get total control and visibility over your energy use.



#### Bank Financing

When it comes to bank financing solutions, we offer our unprecedented support and guidance all along the way. Our experts help clients come to an agreement with the bank to ensure smooth loan processing and repayment.



#### Upgradation Services

Do you already have Solar installed at your place, but it isn't enough? We also offer up-gradation services which entail evaluating your energy needs and providing you with an upgrade.



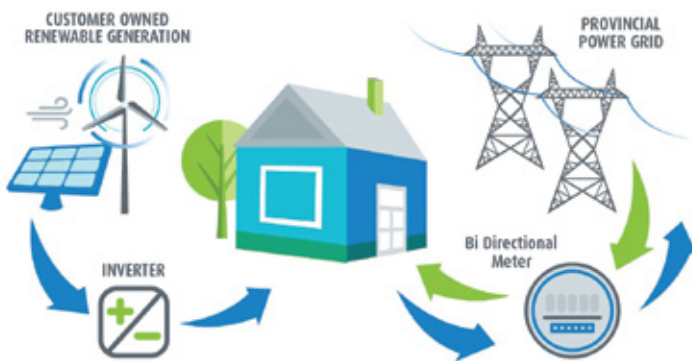
#### Energy Audit

Our team of experienced professionals assesses your Solar Energy requirements free of cost as part of our energy audit. It helps us analyze your energy flows to identify; all possible opportunities to reduce your Carbon Footprint and energy expense.



#### After-Sales Support

Our after-sales support team keeps in close contact with our customers to ensure that their system runs smoothly.



## Net Metering

Net metering allows Customers to produce electricity for their use and supply excess produce to the national grid, setting-off units of electricity consumed. The consumer either pays a reduced utility bill or gets paid for surplus energy exported to the grid with the relevant DISCO.

## Benefits of Solar Energy

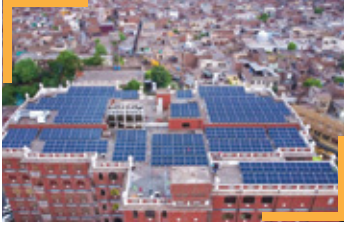
- Less costly compared to utility billing.
- Net metering.
- Environment friendly.
- Offset future electricity price hikes.
- Low maintenance.
- Carbon footprint reduction.
- Increase the value of your home.
- Flexible financing options.



## Featured Projects

### Energizing a Sustainable & Zero-Carbon Future

When it comes to maximizing solar power, AEPL delivers. With the belief that Solar Energy is the better way forward, we have delivered projects after projects powered by our excellence and relentless innovation.



**Children Hospital, Multan**  
System Size: 450 kW  
Type of System: Grid Tied  
Annual CO<sub>2</sub> Reduction (Tonnes): 320



**Green Earth (Pvt) Ltd., Lahore**  
System Size: 250 kW  
Type of System: Grid Tied  
Annual CO<sub>2</sub> Reduction (Tonnes): 217



**Machine Craft (Pvt) Ltd., Lahore**  
System Size: 200 kW (Construction Only)  
Type of System: Grid Tied  
Annual CO<sub>2</sub> Reduction (Tonnes): 174



**Total Parco (Pvt) Ltd.**  
System Size: 200 kW (Multiple Projects)  
Type of System: Grid Tied  
Annual CO<sub>2</sub> Reduction (Tonnes): 174



**Steel Craft (Pvt) Ltd., Lahore**  
System Size: 154 kW  
Type of System: Grid Tied  
Annual CO<sub>2</sub> Reduction (Tonnes): 130



**DHA Residence, Lahore**  
System Size: 40 kW  
Type of System: Grid Tied  
Annual CO<sub>2</sub> Reduction (Tonnes): 35

## Our Suppliers/Partners

Taking Solar Power to New Heights Together !



## Certifications

Rigorous Control. Guaranteed Quality

AEPL maintains the prestigious V1 certificate from AEDB (Alternative Energy Development Board).



## Ready to go Solar?

As a leading supplier of the world's most advanced Solar Solutions, we know reliability when we see it. We partner with top-notch suppliers to customize your solar package according to building materials, local regulations, and sunshine. We are a part of your community and understand the best way to help you achieve your environmental and energy goals.



## Join The Future With Us

Get in touch



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