



amarbhaw  
group

# COMPANY PROFILE



## AMARBHAW POWER PVT. LTD.

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Jodhpur – 342008, Rajasthan, India.

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**“Empowering the world with the gentle force of nature – our commitment to Solar, Wind and Transmission excellence”**

# Our Values



# Our Vision

"To be a Leading Company, upholding unwavering ethical principles, and providing unparalleled value to our customers, employees, and community."

# Our Mission

"To excel as a leading Infrastructure EPC Company, we are dedicated to delivering innovative and sustainable solutions. Our mission is to design, construct, and manage infrastructure projects with the highest standards of quality, safety, and integrity. By leveraging cutting-edge technology and fostering a culture of excellence, we aim to contribute significantly to the development and enhancement of vital infrastructure, ultimately improving the quality of life for communities we serve. Our commitment extends beyond construction – we strive to build enduring relationships with our clients, empower our talented team, and positively impact the environment and society at large. Together, we build the future, one project at a time."

## We are committed to

### 1. **Quality and Cost Commitment:**

Meeting customer expectations in both product and service quality, ensuring cost competitiveness remains at the forefront of our commitment.

### 2. **Employee Well-being and Continuous Improvement:**

Foster a secure work environment that nurtures the ambitions of our people, encouraging continuous self-improvement and professional growth.

### 3. **Social Responsibility and Resource Management:**

Demonstrate responsible citizenship by actively engaging with and contributing to the communities in which we operate. Manage natural resources with care, sensitivity, and expertise, while acting as a conscientious employer.

### 4. **Sustainable Growth and Business Excellence:**

Strive for sustainable, profitable growth through a relentless pursuit of business excellence. Expand strategically in some of the world's most dynamic markets, contributing to our industry's evolution.

# About Us

We at Amarbhaw, are providing Services & Solutions to Power Transmission & Substations, Power Distribution and Renewable Power Generation Industries.

We have established strong collaborations with numerous Government and Private Utility Boards across Western and Central India, as well as esteemed Indian EPC companies, including Adani Group, Alfanar Group, L&T Group, Enercon India Ltd., Wind World India, Mytrah Energy India Ltd, Sun Edison Group, Greenko, Green Infra, Ostro Energy, Renew Power, IL&FS, Leap Green Energy, Mahindra Susten, Adani Renewables, Bosch, Juwi Power, A2Z Group, Aditya Birla Solar, Power Grid and more. Recognized as their preferred contractors, we specialize in providing infrastructure services for Solar Power Plants, Power Transmission lines and substations, Power Distribution lines, BOP of Wind Power Plants and associated services.

We own and operate Solar Power Installations situated in Kolayat near Bikaner, Rajasthan, and wind installations spread across several villages in Jaisalmer, Rajasthan.

Our extensive portfolio includes the successful execution of Grid Substations up to 220 KV for RRVPNL, installation of 700 km of Transmission Lines up to 220 KV, and establishing 75 Nos. 33KV USS/Switch Yards for various renewable companies. With a track record of commissioning over 400 MW Wind Farm Projects, we have also undertaken Balance of Plant (BOP) works for 500 MW of Solar Installations in Rajasthan and Punjab.

Furthermore, we play a pivotal role in the supply and services for Electro-mechanical works in Water supply and Irrigation projects, catering to various State Governments and Municipal Corporations such as the Government of Rajasthan and the Government of Madhya Pradesh.

**Amarbhaw is continuously evolving & growing by offering our valued clients an extended range of project services based on our extensive domain expertise gained over the past decade.**

# Business Profile

We at Amarbhaw Power Pvt. Ltd, are providing Services and Product Solutions to Power Transmission & Substations, Power Distribution and Renewable Power Generation Industries. Services Offered by APPL are listed below :

## **Power Transmission & Substations:**

EPC/ETC works for Overhead Distribution Lines (11 kV to 66 kV)

EPC/ETC works for Overhead Transmission Lines (132 kV to 220 kV)

EPC/ETC works for Grid Substation (up to 220 KV, including 33 kV DP Yard works)

## **Renewable Power Generation:**

SITC/EPC/ETC works for Solar Power Plants

EPC/ETC works for Electrical Erection (DC & AC works) on DAP basis for Solar Power projects

EPC/ETC works for Erection of PV Module & Tracker System for Solar Power projects

SITC/EPC/ETC for BOP services for Wind Power Plants

EPC/ETC works for Network of Scada Cable for Renewable Power projects

## **Underground Power Transmission and Distribution:**

SITC/EPC/ETC works for laying and jointing of underground XLPE Cables and Accessories

SITC/EPC/ETC works for laying and jointing of underground OFC Cables and Accessories

## **Additional Services:**

Operation & maintenance of Solar Power Plants, Transmission Lines, Distribution Lines and other Electrical Infrastructures

Consultancy and Liaison Services for solar power plants, Transmission lines, Distribution lines, and Statutory approvals & clearances

## **Electro-Mechanical Works:**

Supply and Services for Electro-Mechanical works of Water supply projects and Irrigation projects to State Governments and Municipal Corporations

# **Detailed Services Offered**

## **Substations up to 220kV :-**

Site Selection, Site Survey, Materials, Erection, Testing & Commissioning of Substations up to 220KV for Government Bodies & Private Organizations.

## **Transmission Lines up to 765kV :-**

Supply of Civil & Electrical Materials, Execution, Resolving ROW, Testing & Commissioning of SCOH & DCOH Transmission up to 765KV for Government Bodies & Private Organizations.

## **Power Evacuation :-**

Study of Site feasibility, Design, Drawing, Approval & Permission Initial to Commissioning from Government Bodies for Smooth Evacuation of Power.

## **Electrical Balance of Plant :-**

Supply of Civil & Electrical Materials, Execution, Testing & Commissioning of Balance of Plant for Government Bodies & Private Organizations

## **Statuary Approval & Clearances for Project :-**

Smooth Liaison for Required Approval & Permission from Government Bodies & Nodal Agency during Project & Operational Phases.

## **Material Supply :-**

Industrial Valves, PVC-UPVC-CPVC-HDPE Pipes & Fitting, Filters, Coolant, Separators, Purifiers

# Additional Services Offered

We have experienced teams to carry out these additional works as listed below :-

**Site Feasibility Assessment** : Site Survey, Digitization of maps, constructional feasibility of civil and electrical infrastructure are key deliverables of Site Feasibility Assessment. As an advanced Version we also provide services in Bankable Legal Due diligence for Land ownership.

**Evacuation Study** : Site review and conditional assessment of utility Substations and Grid enables the visibility of power evacuation with current loading pattern and upcoming projects. Infrastructure assessment on ground gives early indicators of upcoming bottlenecks as per future project plans. This saves investors from recurring losses and increases ROI.

**Owners Managers Services** : Contract building, Risk Assessment (Technical and Legal) and Identification of construction challenges and its mitigation plans, stakeholder's assessment for Dependability success rates.

**Owner Engineers Services** : This is construction management along with strict monitoring of Safety, Health and Environmental concerns practices at site. We at Amarbhaw, educate all the stakeholders post kick off meetings to obtain commitment for better compliances as a proactive measure. We also undertake Substation design and its Review, Foundation design and Its Review along with Comparison of Balance of Plant Specifications related to civil and Electrical. Owners Engineers Services involves precise Inspection call Management system for execution and Factory Acceptance Test (FAT)

**Third party inspection** : Amarbhaw has a competent team to provide third party inspection services for Electrical, Mechanical, Civil and Rotor Blade Parts. Our NDT-Level II certified Inspections ensures stage and final inspection with esteem compliances of IEC, ASTM and ASME codes.

# Project Cases

## Undergoing Projects

### A. Electrical Projects :

1. Supply, Erection, Testing & Commissioning of Electrical AC-DC Work for 62.5MW out of 2GW Solar Project, under Adani Energy at Khavda, Gujarat.
2. Supply, Erection & Commissioning of 55 KM, 33KV SCOH Transmission Line with OFC connectivity for Alfanar Energy at Mata Na Madh, Kutch.
3. Supply, Erection & Commissioning of 24 Nos. 33KV DP Yard for Alfanar Energy at Mata Na Madh, Kutch.

## Completed Projects

### A. Electrical Projects :

1. Supply, Erection & Commissioning of 21KM, 33KV SCOH Transmission Line for Alfanar Energy under Viviid Renewables at Mata Na Madh, Kutch.
2. Complete Civil work for 220/33 KV GSS for Alfanar Energy under Viviid Renewables at Mata Na Madh, Kutch.
3. Complete Electrical work for 2 Nos. 220 KV GSS, 2 Nos. 132 KV GSS.
4. Erection, Testing & Commissioning of Electrical AC-DC Work for 18MW out of 390MW Solar Hybrid Project, under Adani Energy at Madhopura, Rajasthan.
5. Erection Testing & Commissioning of Electrical AC Work for 100MW out of 300MW Solar Project, SB Energy under Mahindra Susten at Lavan, Rajasthan.
6. Erection, Testing and Commissioning of Electrical AC Work for 50MW out of 250MW Solar Project for Mahindra Susten at Sevda, Baap, Rajasthan.
7. Erection, Testing and Commissioning of 10KM, 220KV Transmission Line at Pokhran area under ESSEL Saurya, Rajasthan.
8. Erection, Testing and Commissioning of 765KV Transmission Line at Bhaniyana area under PGCIL.
9. Erection, Testing & Commissioning of 15 Km 132 KV DCOH Transmission

Line.

- 10.** Supply, Erection, Testing & Commissioning of 4 No's of 33/11 kV Switch Yards, 10 No's of 33/0.4kV Switch Yards, and 3 No's of 11/0.4kV Switch Yards.
- 11.** Complete Electrical Balance of Plant of 3.1MW for Solar Plants.
- 12.** Power Evacuation and Metering for 10 MW and 20 MW Solar power plants.
- 13.** Supply, Erection, Testing & commissioning for 85 No's Transformer Yards of 33 KV, 4 No's VCB yards of 33KV, 430KM of 33KV SCOH/DCOH Transmission Line for Wind Projects.
- 14.** CEIG clearance of total 86MW's.

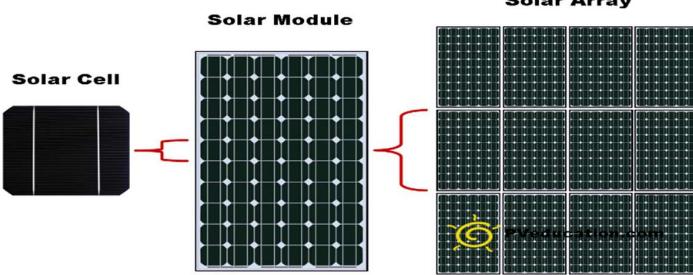
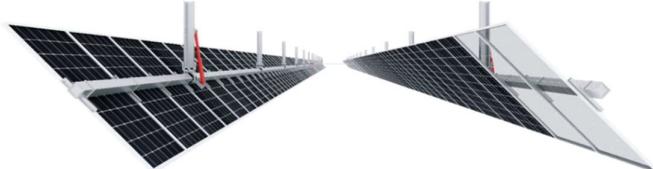
#### **B. Water Projects :**

- 1.** EPC of Electromechanical Works for Improvement of Water Supply at Jabalpur Region for IHPCL under MP Urban Development Company Ltd, MP.
- 2.** EPC of Electromechanical Works for Indwar Multi Village Rural Water Supply Scheme, District Umaria & Katni for IHPCL under MP Jal Nigam, MP.
- 3.** EPC of Electromechanical Works at Gotegaon WSS, Jabalpur for IHPCL under Municipal Corporation Narsinghpur, MP.
- 4.** EPC of Electromechanical Works for Bankpura Water Supply Project, Bioara, Rajgarh for IHPCL under MP Jal Nigam, MP.
- 5.** Construction of 3 Nos. CWR, 2 Nos. ESR & 2 Nos. Pump House at Vedia, Bhavrani & Bhorda under Narmada FR Project for GCKC Projects & Works Pvt. Ltd. under P.H.E.D., Rajasthan.
- 6.** Construction of OHSR at Sajeetra at Barmer for VRPL under P.H.E.D., Rajasthan
- 7.** Construction of OHSR at Bamna & Manjhi at Degana for L&T water project under P.H.E.D., Rajasthan.

# Emerging Business Development

Amarbhaw aims to be a one stop solution for our clients for Solar Power Projects, Transmission & Distribution Lines, Electric Power Grids & Switchyards and associated Electro-Mechanical Installations. Accordingly, APPL has formed strategic alliances with various Global manufacturers as their official marketing representative in India for supply of

- Solar Cells & Modules
- BIPV Glass
- Solar Panel Cleaning Robots
- Solar Tracking Systems
- Earthing solutions
- Transformers
- Conductors and Cables
- Solar Mounting Structures
- Energy Storage System & Battery Management System
- Transmission line Tower & Substation structures and associated hardware & accessories.

<u>Building Integrated Photo Voltaic (BIPV) Glass</u>	<u>Solar Cells and Solar Modules</u>
	 <p>The diagram illustrates the structure of a solar power system. It starts with a <b>Solar Cell</b>, which is a single photovoltaic cell. Multiple solar cells are connected in series to form a <b>Solar Module</b>, which is a complete panel. A group of solar modules is then connected in parallel to form a <b>Solar Array</b>, which is a collection of panels.</p>
<u>Solar Tracking System</u>	<u>Solar Panel Cleaning Robot</u>
	

<b>Earthing Solutions and Lightening Arrestors</b>	<b>Transformers</b>
<b>Conductors &amp; Cables</b>	<b>Transmission line and Substation Structures</b>
<b>Solar Mounting Structures</b>	<b>Energy Storage System</b>
<b>Battery Management System</b>	<b>Hardware and Accessories</b>

# Valuable Customers

Amarbhaw Group is providing Services to Govt. Departments and Corporate Clients that includes but not limited to:

## Power Projects :





### Water Projects:



**THE INDIAN HUME PIPE COMPANY LIMITED**