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JEMS in Solar & Wind Energy Solutions

(JEMS) M/s: Jupiter Equipments Manufacturer & Supplier Pvt Ltd, founded over 30 years ago, has achieved a leadership position in various industries. From the year of 2000 JEMS in Solar & Wind Energy Solutions for industrial, commercial, domestic, residential, transportation & telecommunication utilities with base in India and Bahrain.

Our Mission

To be a Complete Renewable Energy firm that helps Industrial, Commercial, Residential & Domestic Customers Reduce their Electicity Energy Consumption and Environmental Impact through, Turn-key Solar & Wind Energy Systems.

Our Vision

JEMS helps our customers to realize all the benifits of renewable energy, such as solid financial returns and a positive impact on the environment to Green and Clean Bahrain.

Our Services

With dedicated professional members in R&D team, production management, QC team, we are willing to cooperate with you from the very beginning to the end. Our services covers from project consultation, product design, sampling, production to quality control, logistics, technical support, and after sale services.

We deal Renewable Energy Solar & Wind Power GO/NGO Projects, Tenders Proposals, Solar & Wind Pilot/Demo kits Supply, Technology & Equipment Resource, Engineering & Technical Supervising, Intelligent Solutions and Sub-Contracting.



Expertise in Solar Products

- 1 Solar Energy Container Cold Storage
- 2 Solar & Wind Sea Floating Cold Storage
- 3 Solar/Wind Truck Mounted Cold Storage
- 4 Solar Free Energy Air-Condition System
- 5 Solar Wireless Safety Security & CCTVs
- 6 Solar Remote Monitoring & Operations
- 7 Solar Energy Club Car & Solar AC Bus
- 8 Solar Automatic Birds & Rats Repellers
- 9 Solar Safety Security Systems & Fence
- 10 Solar Smart Street Lights/Traffic Signs
- 11) Solar Energy ATM/Bus Stop AC/ Bunks
- 12 Solar Swimming Pool Heat/Cool/Clean
- 13 Solar Steamer, Heater, Cooler & Purifier
- 14 Solar & Wind Energy Telecom Shelter
- 15 Solar Portable Traffic Divert/Speed Sign
- 16 Solar Vehicles Speed/Counts & Camera
- 17 Solar Mobile Office/Caravan/Porta Cabin
- 18 Solar/Wind Sea Floting Boat Restaurant
- 19) Solar Water Heater for Hotels & Homes
- 20 Solar Steam Water Slaghtering House
- 21) Solar Intellegent Suntrack Mobile Kitchen
- 22 Solar AC for Heavy Equipment & Buses
- 23 Solar Energy Poultry, Cattle, Coat form
- 24 Solar Energy Saving DC Bank, Load Test

Custom Products Includes

- 25 Solar Roadside Night light Sign Boards
- 26 Solar & Wind Works Site Light Towers
- 27 Solar RIFD-IR-RF-GPS-GPRS Systems
- 28 Solar Energy Vehicle Automatic Barrier
- 29 Solar Vehicles Automatic Sun Shades
- 30 Solar Camp, Tent, Solar Propulsion Boat
- 31 Solar Cooker, Solar Irrigation & Falls
- 32 Solar Floating Sea Water Desalination
- 33 Solar Remote Assets L/M/HF Fencing
- 34 Solar Rotating Tilting Lifting Car Wash
- (35) Solar Modular Automatic Multi Car Park
- 36 Solar Power Saving Intelligent Systems
- Power Factor Correction Control & Audit
- 38 Solar & Wind Off Grid, On Grid, Hybrids
- 39 Solar RoofTop Tank Water Cooler/Heater
- 40 Fisher Men Boat Solar AC/Freezer/Drive
- 41 Solar Energy Entertainment Equipments
- 42 Solar Horse Walker, Treadmill & Racer
- 43 Solar Laser, IR, RIFD Boundry & Fence
- 44 Solar Fish Form, Pearl Form & Incubator
- 45 Solar Waste Treatment, Waste to Energy
- 46 Solar HVAC for Logistics & Warehouses
- 47 Solar HVAC for Central Vegitable Market
- 48 Solar-Wind Energy Beach Parks Resorts





Infrastructure Design and Engineering

JEMS and its strategic partner have the combined resources to design all of the electrical features of a solar & wind energy project, including transformer design, switchgear design substation design and load sharing design for larger systems interconnecting to the grid.

Visual Simulations

JEMS prepares Auto CAD drawings of sufficient detail to construct the project. JEMS is also able to prepare photo-simulations and visual renderings of the project to assist in the promotion or permitting of the project.

Project Management & Quality Assurance

Once the project moves into the design and construction phases, JEMS has the resources and expertise to complete and manage the project construction using qualified contractors; guaranteeing quality assurance of all completed work.





Solar Energy Stable & Intelligent Sun Track System in MEGA WATTS



Alternative Energy Consultancy Services

JEMS provide all solutions under one roof, thus reducing client effort & ensuring quick and smooth delivery from feasibility analysis and application facilitation up to carbon credits and renewable energy applications.

- Feasibility study to identify & evaluate projects
- Preparation of Project Concept Note & Design Document
- Assessment of Annual Energy Production
- Investment Return, Payback Period & Cost Savings
- Energy Auditing & CO₂ Emission Reduction Report
- Renewable Energy Certificate

Economic and Financial Analysis

JEMS has conducted regulatory economic & financial impact analysis for commercial, industrial, institutional, GO/NGO customers by delivering solar & wind energy projects that meet clients' economic goals including estimating cost benifits in the effects of regulation on solar & wind energy businesses. Our main goal is that valueing the return on solar & wind energy projects for various businesses and government.

Site Selection and Optimization

- Space Availability & Geographic Location
- Solar Insolation & Shadow Assesment
- Climate, Temperature, Wind & Rainfall Constraints
- Annual Wind Energy Speed Assesment
- Availability of Technology & its maturity
- Structural Integrity of Mounting Surfaces
- Erosion and Sedimentation Control Considerations

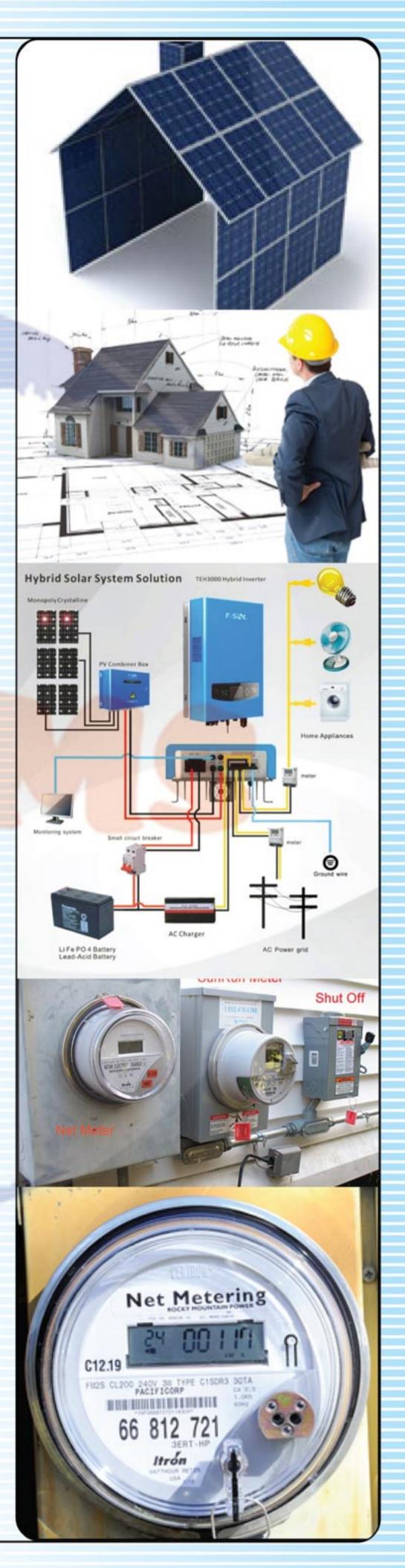
Land Development Planning & Permitting

JEMS will evaluate local zoning ordinances, building codes, and other regulatory permitting requirements and complete the steps necessary to successfully permit the project.

NET Metering Services and Contracts

When EWA approve the NET metering facility in Bahrain JEMS can provide/establish your existing or new off grid system to profitable NET metering system.

On behalf of the client, JEMS can assist in establishing an equitable renewable energy credit (REC) contract to ensure that the project developer is maximizing the potential return on investment.





JEMS, M/s: Jupiter Equipments Manufacturer & Supplier Pvt Ltd.

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