# EMPOWERING TOMORROW

Renewable Solutions and Sustainable Utilities







### Sustainable Solutions by ENVIRONOMICS

ENVIRONOMICS, a leading EPC company, specializes in delivering excellence through optimal engineering methodologies. Our core strengths lie in design and execution, offering comprehensive Renewable Solar solutions for commercial and industrial utilities.

From HVAC and Compressed Air Systems to Electrification, Automation, and Energy Audits, we cover the entire utility spectrum.

ENVIRONOMICS takes pride in its acclaimed design and engineering, providing turnkey solutions for diverse sectors. With a focus on customer satisfaction, our team excels in engineering, project management, and O&M capabilities.









Seamless Integration Reliability & High Quality Safety First Components

High QualityTimely DeliveryComponentsAssurance



The Engineering, Procurement and Construction (EPC) form of contracting arrangement includes all the activities. From design, procurement and construction, to commissioning and handover of the project to the client, we do it all.

#### **Engineering & Design**

Our Engineering Design Team based out of Ahmedabad, helps identify and crystallize the requirements into functional designs. With specialized engineering tools, we help design the facility and develop dynamic models taking into account all the parameters that impact the load profile.



#### **Construction & Service**

Our extensive network of after sales support allow us to provide service contracts, we provide Industrial Automation to eliminate manual interventions and make system more reliable (regular maintenance updates and escalations), efficient (thru sequencing, load sharing etc.) and safe (alarms and trips etc.).





#### **Procurement & Execution**

With a combined experience of 50+ years in project execution, our teams have delivered projects in a precise and timely manner. We have a proven track record of system design, selection, erection, commissioning and integration in time with safety and quality.





### **Solar Rooftop Solutions**

"ENVIRONOMICS" Solar Rooftop installations offer unmatched energy and revenue opportunities for residential, commercial, and industrial sites. From large manufacturing plants to residential buildings, rooftops can be utilized for solar power generation.

We provide both off-grid and grid-tied solutions for diverse applications, ensuring self-sustainability for industry and meeting the energy needs of commercial and industrial establishments. Our commitment lies in delivering versatile and sustainable solar solutions for a greener future.













ENVIRONOMICS Solar Ground Mounted Solution is an effective and efficient approach to solar energy harnessing, ideal for open spaces. Transforming unused land into a valuable resource for clean power production, this system caters to both large-scale industrial applications and smaller installations.

Ensuring optimal solar exposure for maximum energy output, it stands as a strategic choice for businesses and communities aiming for sustainability, minimizing environmental impact and enhancing energy independence.





### **Solar Ground Mounted Solution**



### **Energy Audits**

#### What can't be Measured. can't be Controlled !

Most plants over a period of time develop operational deficiencies despite all efforts due to priorities of production, targets, quality, compliance etc.

Utilities contribute 65% to 70% in electrical power consumption of plant and there are opportunities between 5% to 30% for energy savings as well improving reliability.

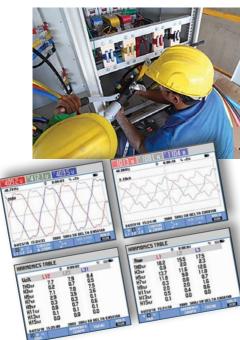
We offer Energy Audit of Electrical System, HVAC System (Chillers, AHUs etc.), Compressed Air System (Compressors, Dryers etc.), Cooling System (Cooling Tower, Cooling Water Pumps), Boilers, Overall System, End Use Machinery etc.



COMPREHENSIVE PLAN











## **Electrification (LT & HT)**

Environomics has the capability of complete HT as well as LT electrification jobs which covers entire gamut of design, selection, procurement, manufacture, install, commission & testing.

#### Our Strength:

- Electric sub-station installation
- Underground & Overhead cabling work
- Transformer, LT & HT Electric panels, VCB, MCC
- LT lighting & commercial electrification work
- All Compliances and Drawings Approvals
- CEI Apporved Electrical Contractors

### **O&M Service Contracts**

ENVIRONOMICS excels in offering top-notch Operation and Maintenance (O&M) Contracts for Solar Energy projects, ensuring their smooth functioning and durability. Specializing in EPC services, the company provides end-to-end solutions for solar installations. Their O&M Contracts include preventive and corrective maintenance, performance monitoring, and rapid issue resolution. With cutting-edge technology and a skilled team, ENVIRONOMICS is a key player in advancing reliable and sustainable solar energy infrastructure.











We have expertise in Supply and Installation of Clean Rooms with cleanliness levels of ISO Class 1 to 8 / Class 1 to Class 1,00,000 for pharmaceutical companies, semi-conductor industry, operation theatres, component manufacturing, bio safety labs and the like. In addition to clean room, we offer services that include:

- macro particles
- Air flow velocity and volume test / air pressure difference test • Filter leakage test
- Air flow direction test and visualization
- HVAC system design for BS -1/2/3/4 labs





### **HVAC & Clean Rooms**

Airborne particle count for classification / ultrafine particles /

Particle deposition test / recovery test containment leak test

### **Our Esteemed Clients (Partial)**



PNS COMPOSITE LLP