



HVAC & Clean Rooms



Solar Plants



Electrification (LT & HT)



Automation & SCADA



Compressed Air & Cooling Systems



Energy Audits



ENVIROMONICS

Efficiency • Economics • Environment

Plan, Design, Execute, Maintain
Complete project and lifecycle management

Plan, Design, Execute, Maintain

ENVIRONOMICS an EPC company, provides the optimal engineering methodologies to execute and deliver excellence for its customers.

A company with its core strength in design and execution, ENVIRONOMICS provides comprehensive solutions for commercial and industrial utilities. We deal in the entire spectrum of utilities like, HVAC, Compressed Air System, Solar Power Plants, Electrification, Automation and Energy Audits. ENVIRONOMICS offers turnkey solutions for its clients from diverse sectors such as textiles, pharmaceuticals, food & beverage, automobiles, oil & gas, chemical, engineering, glass and more.

ENVIRONOMICS takes pride in its design and engineering strength and has achieved several accolades for its excellence in execution. We are a Customer Focused Team with Strong Engineering, Project Management and O&M capabilities.



Why Environomics ?

Solutionising, Energy
and Utility Management
Systems



Seamless Integration

Our experienced technocrats understand process during walk thru, as needed recommend energy audit to establish current health, present to all stakeholders the potential opportunities, and see thru implementation and establish savings with proper execution.



System Reliability & Safety is Paramount

End to End safety measures during construction, operation and maintaining plant reliability and efficiency.



High Quality Components

Quality is prime focus area, all selection of instruments, equipment and components are driven by merit.



Guaranteed Delivery Timelines

We guarantee delivery in our committed times frame, as Quality, Cost and Delivery are primary objectives for customers which we recognize and deliver.

EPC

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.

Design

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

Execution

With a combined experience of more than 100 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.

Post-Installation

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.).



HVAC & Clean Rooms

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:

- Airborne particle count for classification / ultrafine particles / macro particles
- Air flow velocity and volume test / air pressure difference test
- Filter leakage test
- Air flow direction test and visualization
- Particle deposition test / recovery test
- containment leak test
- HVAC system design for BS -1/2/3/4 labs

Solar Systems EPC

An experienced team can design and commission Solar power plants for Industrial requirements for rooftop and ground mounted variants. We have a qualified and experienced team to study the existing facility, evaluate potential area with a detailed review and analysis of space, angles, radiation, direction, structural loads, fitting types and safety measures required at the site.

As of 2020, we have already commissioned 7,500 KWp solar power plants comprising of more than 75 projects at various industrial premises.



Electrification (LT & HT)

Environomics together with associate partners have capability of complete HT as well as LT electrification jobs which covers entire gamut of design, selection, procurement, manufacture, install, commission & testing.

Our Strength :

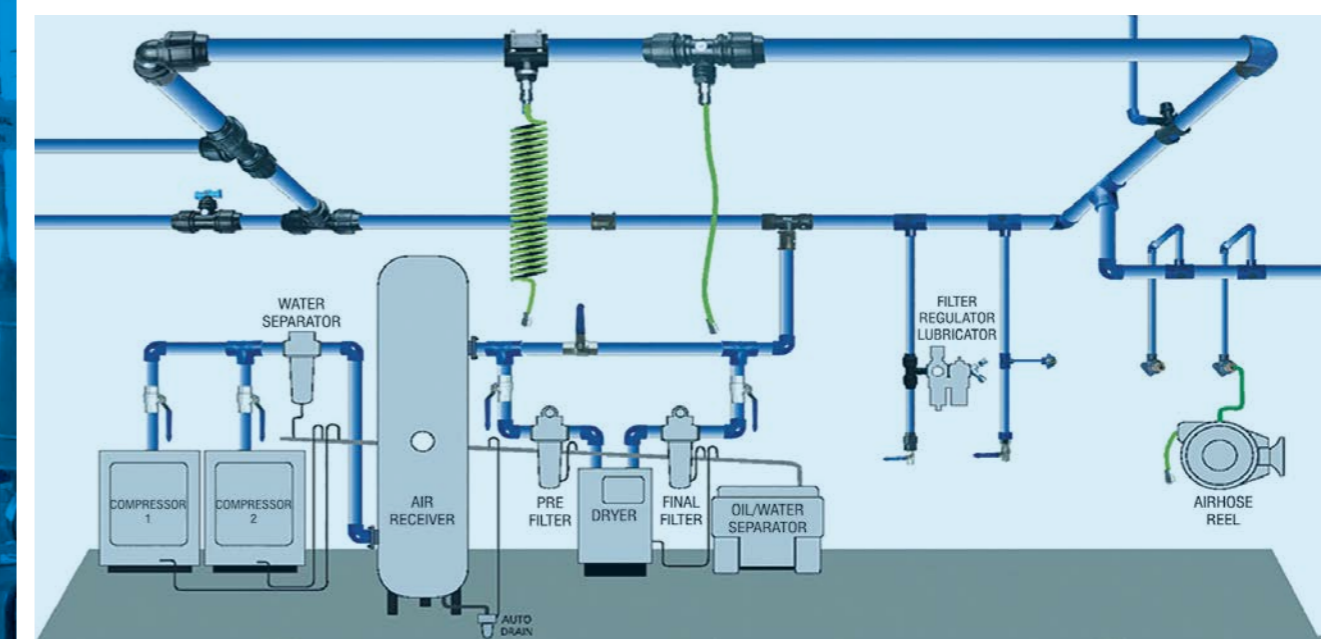
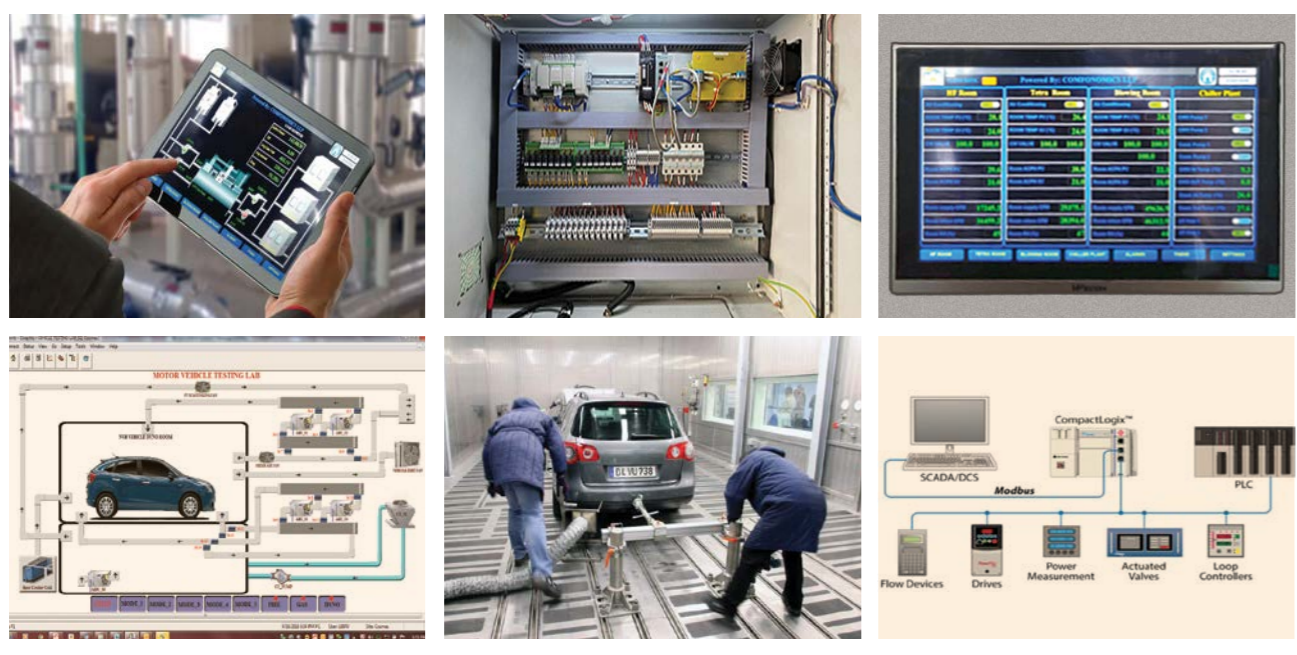
- Electric sub-station installation
- Underground & Overhead cabling work
- Transformer, LT & HT Electric panels, VCB, MCC
- LT lighting & commercial electrification work
- All Compliances and Drawings Approvals
- CEI Apporved Electrical Contractors

Automation & SCADA

ENVIRONOMICS, with its instrumentation expertise, collects data from desired equipment and transforms the asset value chain into streamlined systems.

Our Services Include :

- BMS / SCADA or custom PLC architecture design and execution
- Integration of mechanical and electrical components to ease operation and maintenance
- Remote monitoring systems to help customers keep track of their facilities at all times from any location
- Web-based systems, mobile apps and data logging



Compressed Air & Cooling Systems

We have the expertise and extensive cumulative experience of more than 100 years in design and execution of Compressed Air Systems (CAS). This includes the entire scope from compressor selection (type, size etc.), electrical systems (starters, compensators etc.), advanced controls, dryers, air receivers, piping, cooling towers and cooling water pumps.

Energy Audits

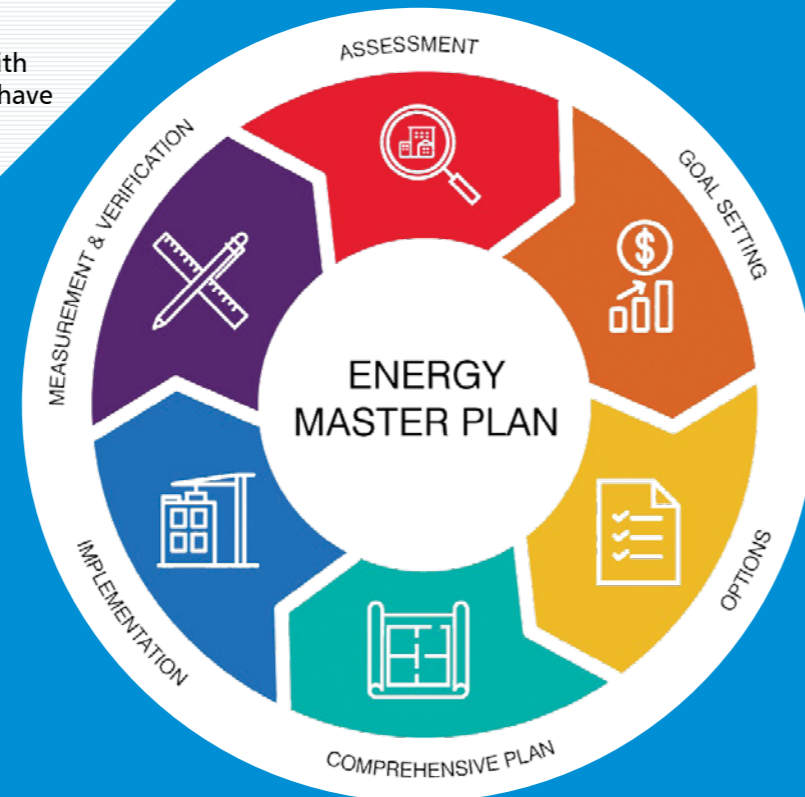
What can't be Measured, can't be Controlled !

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.

Our Associate partners are energy auditors with more than 12 years in energy audit field and have proven track record including government certification and authorization.



We Undertake :

- Electrical Safety Audit
- HVAC Energy Audit
- Compressed Air System Audit
- Cooling Water System Audit
- Lighting System Audit
- Plant Machinery Electrical Audit

Testimonials



Our Esteemed Clients (Partial)



Images/graphics shown in this catalogue are for illustration only to understand the product use/purpose; it may not be actual installation.



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Associate Partners

