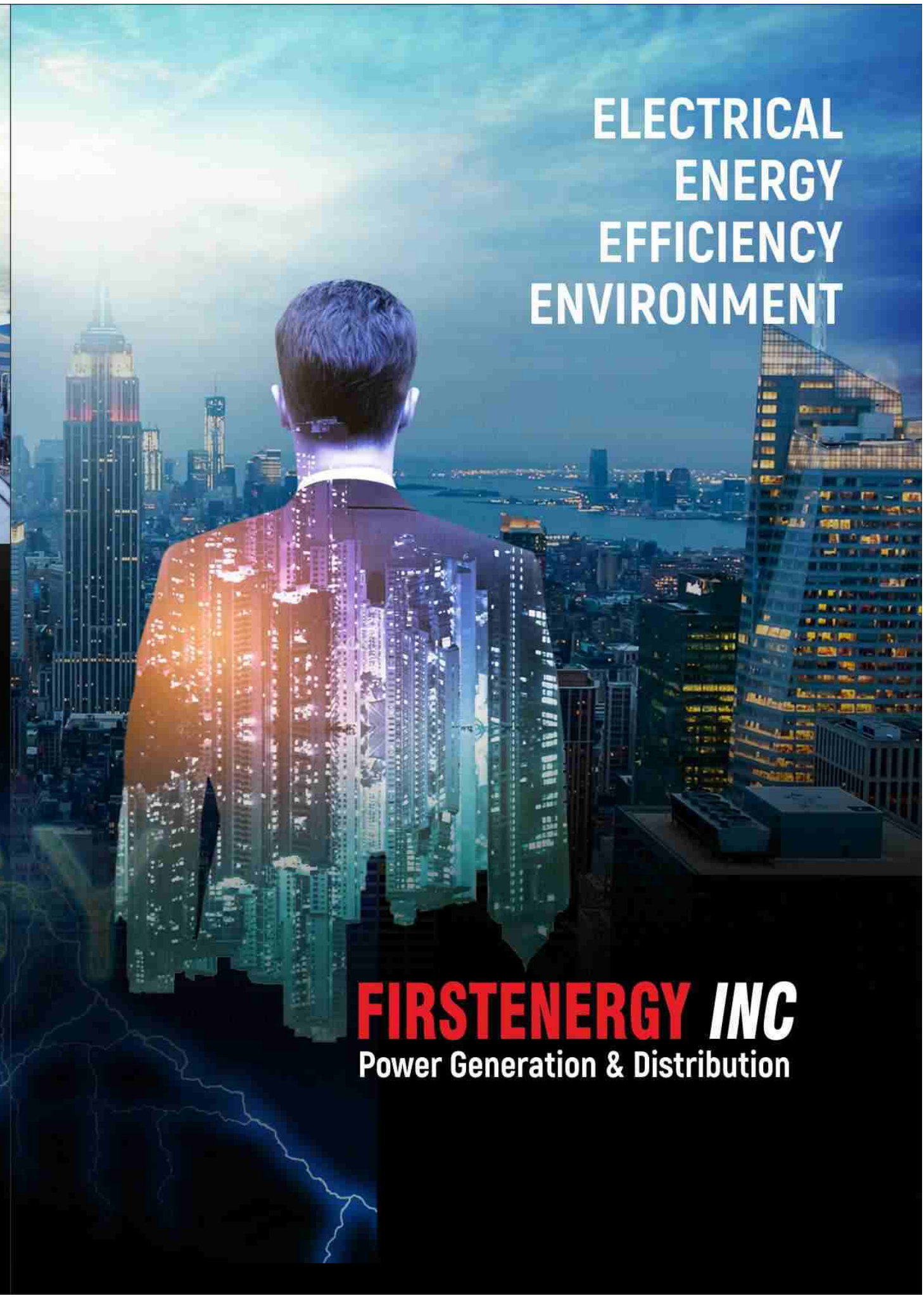




**ELECTRICAL
ENERGY
EFFICIENCY
ENVIRONMENT**



ENERGY

MANUFACTURING UNIT

Plot no. 5615, Road No. 56. Near Paliwal Police Chowki, G.I.D.C, Sachin, 394230
Ph. : 0261 - 2397073

SALES OFFICE

📍 1/661, BUNDER Street, B/h Old Civil Court, Nanpura, Surat - 01

☎ 0261 - 2397073 / 2471217 ✉ info@firstenergyinc.in 🌐 firstenergyinc@gmail.com

FIRSTENERGY INC
Power Generation & Distribution

PROLOGUE

We are blessed to be living in a world where science has transcended human's expectations of comfortable life. Electricity is one such boon that facilitates our lives in integral ways, & we are afraid to imagine any moment without it. Over 40 years, we are dealing with Power Generation to bring productivity, efficiency, protection & peace of mind to thousands of people, directly or indirectly associated with us.

PASSION EXPERIENCE RESULTS ABOUT US :

First Energy Inc is your trusted partner in providing end-to-end solutions in electrical automation and Control Panels. We are quality driven organisation, and we source reliable and efficient power equipments from renowned and top class manufacturers. All types of LT & HT control Panels are designed, manufactured, tested in-house under the guidance and supervision of experienced and conversant team. We have developed effective power generation solutions for various organised and unorganised sector like oil & gas, chemical, petrochemical, real estate, diamonds, hospital, hotels, etc. Our strong research and trials ensures that our clients receive quality with class, in terms of delivering cutting edge global technologies.

VISION

To become one of the best and the most preferred company engaged in sales, services & manufacturing of world class power generation, power distribution Systems & Electrical Automation Systems in Indian and Overseas market.



HISTORY

First Energy INC is a part of group company AJAY Enterprise and it was established by Late Shri. Jayant Athavia, in 1982. The first Energy Inc was shaped in the year 2007, with intricate knowledge and unmatched expertise of new gen entrepreneurs – Mr. Tejash Athavia & Mr Ajay Athavia. Since the inception, we are widely recognized as the most efficient organization in Power Generation through Engine Generators and Power distribution & control through electrical automation and Control Panels manufacturers.

MISSION

To serve clients with ABSOLUTE transparency, without compromising on quality while striving to excel in every segment we cater to.

INDUSTRIAL COMMERCIAL RESIDENTIAL

WHAT WE DO

“Elemental Excellence”

MANUFACTURING:

CONTROL PANEL MANUFACTURING AND INSTALLATION

We are CPRI certified control panel manufacturers & system integrators of



- Microprocessor based / PLC based / SCADA / HMI.
- Multiple DG SET Parallel with auto load sharing, auto synchronization, AMF facility.
- Grid Synchronization.
- PLC based plant automation control panel.
- Factory automation & Process automation.
- SCADA , PLC & DCS based Automation panels for Steam & Gas Turbine.
- Industrial fire system control panel.
- HT 11KV/22KV/33KV Control panels with VCB, load break switch.
- VFD panel for motors, compressors of various capacity.
- Compact substation.
- Power Distribution Panels with transformer and line protection relays.
- Feeder, line protection and busbar differential protection relays.
- Power Control Center.
- Motor Control Center.
- APFC Panel (Thyristor/Contactor Based).

INSTALLATION

- Power Management Scheme (Power Synchronization Control Panels) for Diesel Generator.
- Power Management Schemes for Gas & Steam Turbines.
- Solar & DG Hybrid Control Schemes.
- Power Distribution Control Panels, Motor Control Centres, HT Control Panels from 11 KV to 33 KV.

POWER GENERATION THROUGH ENGINE GENERATOR

We are capable of taking up projects of any size.

- Turnkey EPC projects, supply, installation, testing & commissioning of diesel engines and gensets.
- Spares and service support.
- Warranty & outside warranty services.
- Annual maintenance contracts, O & M.
- Overhauling and maintenance services.



MANUFACTURING & SUPPLY OF VOLTAGE STABILIZERS

We manufacture, supply & install Voltage Stabilizers from 3KVA to 2000KVA in air cooled and oil cooled models as per project requirement. The USP of these stabilizers are – They are tough, resilient, and performs above expectations. For industries with critical equipments, these Voltage stabilizers comes as a boon with a guarantee of high efficiency. Some of the features are –

- Micro-Processor controlled
- Digital voltage, current and frequency display
- Comprehensive protection
- Modern design
- CPRI approved



EPC OF SOLAR POWER PROJECTS, SOLAR HYBRID GENERATION

We design, supply, install solar power plant of various capacity as per project requirement..

Our work is multi-dimensional and integrated with well - strategized process. We carry out designing, engineering, manufacturing, testing, installation & commissioning of solar & DG Hybrid Control scheme which provides protection to the diesel generators while running along with the solar power plant.



CONSULTATION SERVICES

- Design of electrical scheme
- Tender specification & project report
- Technical evaluation of vendor
- Supervision of installation & commissioning work
- Liasoning work from govt. office

ADVANTANGE OF WORKING WITH US

- » World class manufacturing facility at Sachin G.I.D.C, Surat that is spread across 12,000 sq. feet area.
- » Unit Equipped with latest instruments with separate segments for designing, assembly & wiring, programming, testing and dispatch.
- » A Team of specialized instrumentation, electrical & mechanical engineers and production engineers.
- » Two in-house owned service stations and spares deport with more than 20 service engineers and technicians for service and spares support throughout India.
- » In-house design and engineering team.
- » Independent manufacturers of control panel with fully equipped manufacturing unit.
- » Extended Service support from principle manufacturers.

“**Delivering Results,
Promising Reliability
with Rock-Solid Dependability**”

SOLUTIONS OFFERED

DG SETS

Authorized distributors & service provider for the fuel efficient Greaves-5 to 500KVA, Volvo- 250 to 700KVA, Perkins-500 to 2500KVAd diesel generating set.

SOLAR POWER PROJECTS

Supply & installation of Solar Power plants along with most efficient hybrid technology.

AUTOMATION ([Factory & Plant, automation, Turbine Control System](#))

Designing, engineering, production of process plant, automation for various industries using reputed PLC, DCS, SCADA softwares. Power management schemes for Steam, Hydro, Gas Turbines.

CONTROL PANELS

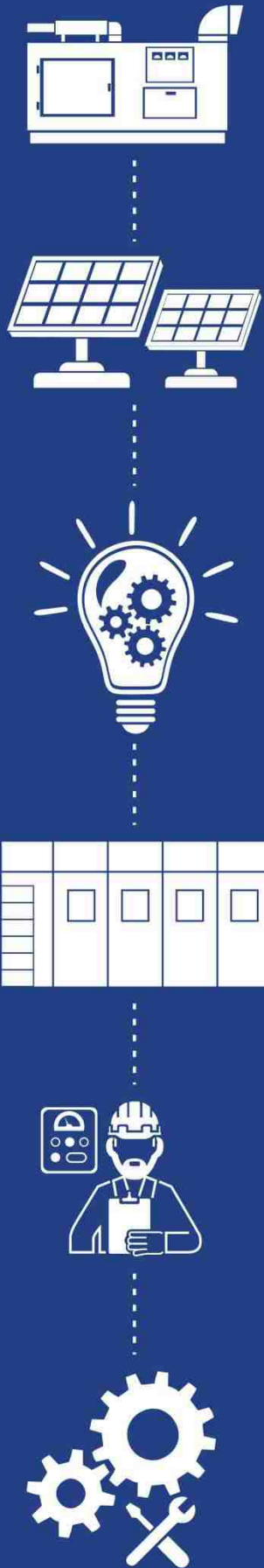
In-house manufacturing various types of Electrical Control Panels: Motor Control Centers(MCC), Power Control Center (PCC), APFC, HT VCB Panels upto 33KV.

SERVICES ([Warranty/outside warranty/ AMC/O&M Staff](#))

Dedicated service staff, customer care, service co-ordinator, service managers, service engineers catering to services under warranty/outside warranty/AMC, O&M for various power equipments & panels.

SPARES

Regular inventory of spares for products manufactured and supply by our company is maintained at our godown by our store manager.



PRODUCT LINE

- DG SETS ■ ELECTRICAL CONTROL PANELS ■ SOLAR HYBRID CONTROL SYSTEM
- STABILIZERS ■ AUTOMATION CONTROL PANELS ■ HT/ LT CONTROL PANELS

AUTHORISED DEALERS OF

Diesel Engines & Gensets :



Range : 5KVA to 500KVA



Range : 250KVA to 700KVA



Range : 750KVA to 2500KVA

TEAMWORK MAKES THE DREAMWORK

Mr Ajay Athavia (Joint MD)

Mr Tejash Athavia (Joint MD)



Our team consists of electrical, mechanical engineers, production engineers, project team and team leaders & managers, with an appropriate background and experience. Passion with proficiency is the key to our team's successful operations. There is a thorough check on quality and control, to ensure optimum quality of products / services. We have dedicated sales team that periodically look upon the new requirement and after sale support and communication. Our team has skilled service team including service co-ordinator with call-center number to receive and distribute service complains to our engineers through service managers. The service backup is available round the clock at client's disposal.

ACHIEVEMENTS

- » Completed design, installation & commissioning of 2500KVA x 5 nos Diesel Generator. Along with power management, load sharing, synchronization panel for 2500KVA x 5 nos Transformer & 2500KVA x 5 nos Diesel Generator set at 40MLD Effluent Treatment plant, Dahej, Bharuch.
- » Completed design, installation & commissioning of 500KVA Diesel Generator x 10 nos with Power Management & synchronization control panel at CELESTIAL DREAMS, Surat.
- » Completed design, supply & installation of 250 nos of 30KVA Diesel Genset for Surat Municipal Corporation under SMC AWAS YOJNA 2016
- » Bagged repeat Order for 2500KVA x 5 nos and Diesel Generator along with power management, load sharing & synchronization panel for 2500KVA x 5 nos Diesel Generator set, 2500 KVA x 5 nos Transformer at 40MLD-EFFLUENT TREATMENT PLANT, Saykha, Bharuch.



Critical projects successfully executed in various fields.

SURAT MUNICIPAL CORPORATION

TURNKEY PROJECT & SITC OF
CONTROL SYSTEM : PLC Control Scheme at
Science City Center, Surat.
[PLC Based Control Panels at SMC, Surat.]
PLC based auto mains failure control with
HMI with complete Gas Genset.
Controls and power distribution.

AIRPORT AUTHORITY OF INDIA

SITC OF SOLAR DG HYBRID SYSTEM
[PLC Controlled Solar /DG/EB Hybrid Scheme
Panel Type : Solar + DG Hybrid Control Panel
Control System : Power Management Scheme

RELIANCE INDUSTRIES LTD, HAZIRA

TURNKEY PROJECT & SITC OF
Grid & DG Power Synchronization PLC based control panel.
[Grid & DG Synchronization Panel at RIL, Hazira.]
DG SET Range : 1.25 MW Detroit Engine & LS Alternator
Control System : PLC Based Synchronization Panel
Type : Microprocessor based system with auto load
sharing, auto synchronization with auto mains failures.

BUNGE INDIA PVT. LTD

SITC OF POWER MANAGEMENT SYSTEM
Control System : Power management control panel
(2.65 MW Steam Turbine & 1.25 MW Diesel Genset)
synchronization & power management control
Scheme for steam turbine & diesel genset along with HMI.

To know about our latest projects, visit our website
www.firstenergyinc.in

ONGC, ANKLESHWAR

TURNKEY PROJECT & SITC OF
11 KV HT Panel
Panel : 11 KV
Control system : Standard Panels

Future Group

Central Stores & Cinemax, (IRIS Mall, Surat.)
TURNKEY PROJECT & SITC OF
VOLVO PENTA DIESEL GENSET & PANELS
[Diesel Genset & Panels at Central Stores, Surat.]
DG SET Range : 625KVA x 2nos, 575KVA x 2nos,
500KVA X 2nos.

Control System : Synchronized
Type : Microprocessor based system with auto
load sharing, auto synchronization with auto
mains failures.

After Sales Service support : O & M

STAR BAZAAR & CINEPOLIS

TURNKEY PROJECT & SITC OF
Volvo Penta Diesel Genset & Panels
Automation Control Panel at Central Stores, Surat.
DG SET Range : 575KVA x 4nos
Control System : Synchronized
Type : Microprocessor based system with auto
load sharing, auto synchronization with auto
mains failures.

RADHA RAMAN TEXTILE MARKET

SUPPLY OF 22KV HT PANEL
Panel Type : 22KV HT Panel

OUR CLIENTS



AWARDS & RECOGNITION

Received best dealer award through
India from Greaves Cotton Ltd.

Included as a board member in
techno-commercial recommendation
committee of Greaves Cotton Ltd for
Higher HP Diesel Engines.

