

Srex Power

**AN ISO 9001 : 2015 CERTIFIED
COMPANY**

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Prologue

Srex Power India Pvt. Ltd. is one of the leading service providers of Integrated Design, Engineering, Procurement, Construction and Project Management Services for Electrical Generation, Substations, Distribution, DG based Power Plant and associated Construction project throughout India.

The company's EPC business focus on providing integrated turnkey solutions for Complete Electricals solutions.

We have been executing contracts operation across Eighteen states (including projects in Maharashtra, Madhya Pradesh, Uttar Pradesh, Punjab, Himachal Pradesh, Rajasthan, Delhi, Gujarat, Karnataka & Haryana) in INDIA

We have taken initiative to focus on Power House Automation and Energy Conservation. We are developing expertise in Power Control, Networking, Automation and Power Distribution from concept to commissioning.

SREX Power India Pvt. Ltd. incorporated in year 2000 have over 276 full time employees out of which 60% are experienced Engineers. As a quest to one of the leading engineering company, we help our customer to use electrical power effectively and increase industrial productivity in a sustainable way.

Our project manager can assume the entire responsibility for all phases involved in a turnkey substation, from engineering to commissioning. We reliably deliver optimized and economical solutions.

The company has a reputation for strong engineering and project management skills and excellent track record for successfully completing Electrical Turnkey projects with Engineering value additions, Quality workmanship and total Project Planning and Control.

We have strong strategic alliance with leading players of equipment manufacturers We intend to continue expanding our operations especially in lump sump turnkey (LSTK) contracts from concept to commissioning in diverse field. Our future Plans include focusing on growing export market for LSTK contracts in Africa and Middle East markets. We are executing LSTK contracts in Ethiopia for textile project and in Nigeria for steel project .

Customers *Profile Credentials*

*Extra High Voltage GIS & HGIS
Projects*

Introduction

- **24** : Years of Experience in Electrical Turnkey EPC Business with Customer First Approach.
- **150+** : Orders Executed/Under Execution in India/Overseas for our Satisfied Customers.
- **18** : States with our PAN India Presence.
- **9001:2015** : ISO Standard, Quality Uncompromised.
- **450+** : Members with customer centric & Innovative approach.
- **EPC EHV Solutions** : for Industries Power / Renewable/ Infrastructure Projects
 - i. Extra High Voltage/High Voltage Substations
 - ii. GIS & HGIS base Extra High Voltage Substations
- Engineering, Procurement, Construction, All related Civil activities of Switch yard / Control Room/ GIS Room/ Substations Projects for Voltage class 400kV/ 220kV /132kV /66kV on turnkey bases.
- We have experience working with leading institutional customers like PGCIL, NTPC, BHEL, RRVPNL, DTL and State Transmission Utility for their Switch Yard and Electrical Projects.
- Provide complete Design, Drawing, Documentations along with Automation, BMS interfacing, Data Management for substation / switchyard.

Organization Strength

- ❑ **Safety** : We have well established safety norms at every steps while execution the project at site.
- ❑ **Quality** : We have world class Quality norms and having **PGCIL/NTPC** approved QAP Policies with ISO certified organization.
- ❑ **Development** : We have Strong Business Development team with a bright vision, Pitch in all areas wherever we have our presence.
- ❑ **Deliverables** : We have strong In-House **Design/Project Planning control/ Civil & Electrical Installation/Testing and commissioning** team which make it happen to get delivered the project with complete satisfaction and time deliverables
- ❑ **Cost Optimization Solution**: We have Procurement team which retain the project cost effectively or under approved budget.
- ❑ **Work Ethics** : We have standardized work ethics which is set of moral, appearance, attendance, attitude, character, communication, cooperation, organizational skills, productivity, respect and teamwork.
- ❑ **Environmental** : Our team is promoting Eco-Friendly Business by doing Renewables Projects in India and Overseas Market.

Our GIS Customers



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Brookfield



FOXCONN

vivo

"We are what our Customers are"



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Brief Project Execution Process

"Our Uniqueness lies in our effort to satisfy our Unique Customers"



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Land Activities



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Safety Procedures



Feb 9, 2021
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Uttar Pradesh



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220KV PSS SUZLON



7 Oct 2021

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Civil Construction Activities



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Civil Control Room and GIS Room Building Activities



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Equipment Installation



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Equipment Testing and Commissioning



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Projects Executed In Recent Past

Aarti Industries Limited - Vapi

66kV Gas Insulated Substation



Client : **Aarti Industries Limited**

Type of Project : Chemical Industry consisting of 66KV GIS Switchyard on turnkey basis.

Configuration :

- 18 MVA 66/11kV Transformer.
- 1 No. Metering bay.
- 1 No. incoming bay.
- 1 No. GIS Outgoing Transformer Bay.
- 1.4km 66kV under ground cable Line
- GETCO 66kV bay Extension. Complete Civil Work for yard including the construction of Control room and GIS room.

Project Location : Vapi, Gujarat

Project Status : Commissioned in 2020

"Mastering others is strength, mastering yourself is true power"

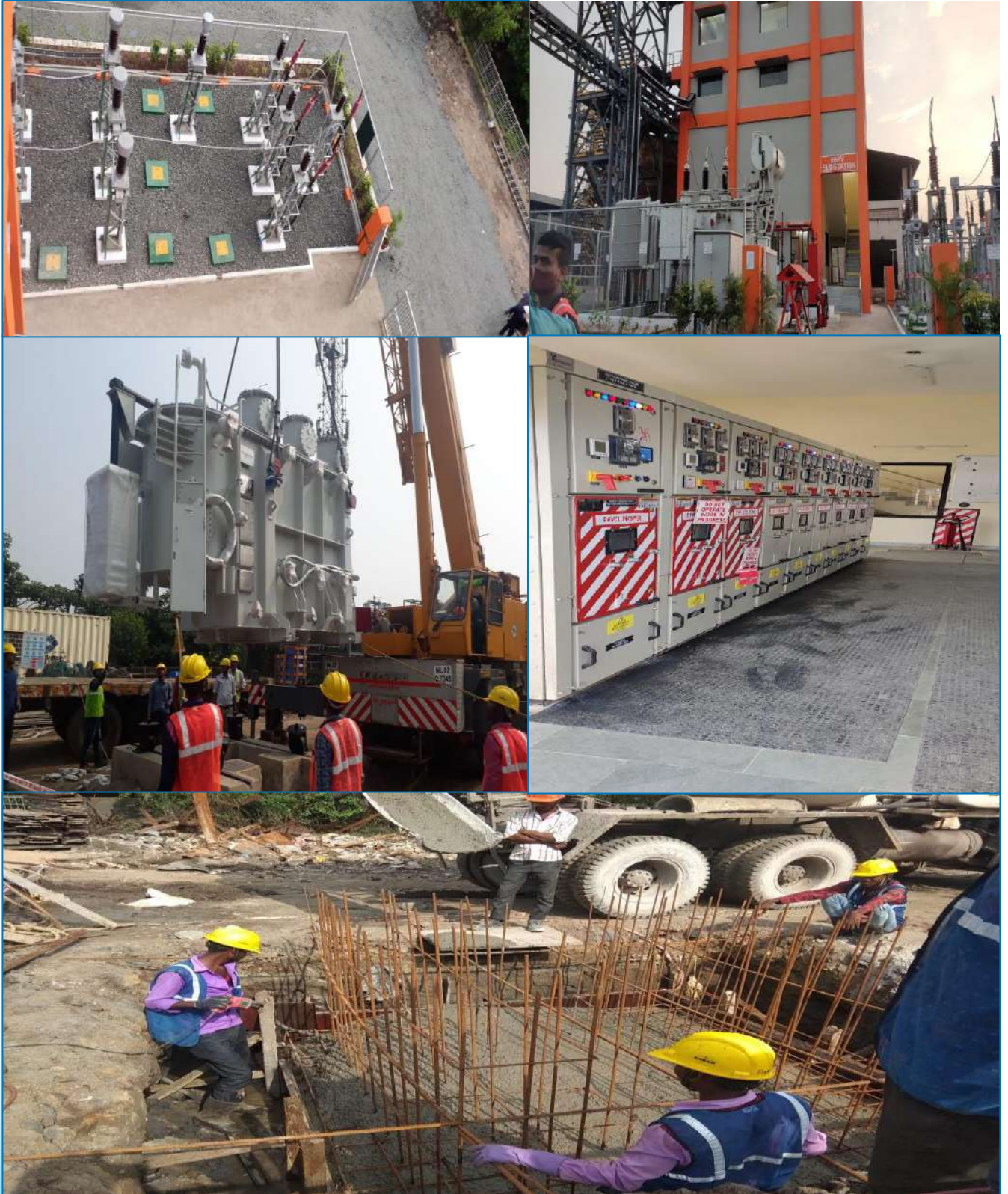
Projects Executed In Recent Past

Aarti Industries Limited - Vapi

66kV Gas Insulated Substation



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Projects Executed In Recent Past

Brookfield office Park - Gurgaon (G1)

66kV Gas Insulated Substation



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Brookfield

Client	: Brookfield office Park - Gurgaon (G1).
Type of Project	: SEZ Office park consisting of 66KV 03bays GIS Switchyard on turnkey basis.
Configuration :	• 2X25 MVA Transformer. • 1 No. Metering bay. • 1 No. incoming bay. • 2 Nos. Outgoing Transformer Bay. • 10km 66 KV Under Ground Cable Line • HVPNL 66 kV bay Extension. Complete Civil Work for yard including the construction of Control room and GIS Room.
Project Location	: Tikri, Sector 48, Gurgaon (Haryana)
Project Status	: Commissioned in 2018

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Projects Executed In Recent Past

Brookfield office Park - Gurgaon (G1)

66kV Gas Insulated Substation



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Projects Executed In Recent Past

Atul Limited

66kV Gas Insulated Substation



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Atul

Client : Atul Limited

Type of Project : Chemical Industry consisting of 66KV 03bays GIS Switchyard on turnkey basis.

Configuration : 66/11Kv 12MVA Transformer
66kV 3 Bays GIS. (1No. incoming Line Bay
2Nos. Outgoing Transformer Bay).
2Nos. 11/0.415kv 3MVA Distribution Transformer
11kv 5 Bay Panel, 11Kv 5Bay RMU415v PCC Panel
Complete Civil Work for yard including the
construction of Control room and GIS room.

Project Location : Ankleshwar, Gujarat
Project Status : Commissioned in 2021

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Projects Executed In Recent Past

Atul Limited

66kV Gas Insulated Substation



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Projects Executed In Recent Past

Aarti Industries Limited - Jhagdiya

66kV Gas Insulated Substation



Client	: Aarti Industries Limited
Type of Project	: Chemical Industry consisting of 66KV 03bays GIS Switchyard on turnkey basis.
Configuration	• 2X18 MVA 66/11kV Transformer. • 66kV 3 Bays GIS. • 1 No. incoming bay. • 2 Nos. Outgoing Transformer Bay. • 7.2km 66kV under ground cable Line • GETCO 66kV bay Extension. Complete Civil Work for yard including the construction of Control room and GIS room.
Project Location	: Jhagdiya, Gujarat
Project Status	: Commissioned in 2019

Projects Executed In Recent Past

Aarti Industries Limited - Jhagdiya

66kV Gas Insulated Substation



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Projects Executed In Recent Past

Honda Scooters & Motor Cycles Ltd.

66kV Gas Insulated Substation



Client	: Honda Scooters & Motor Cycles Ltd.
Type of Project	: Automobile Industry consisting of 66kV 3bays GIS Switchyard on turnkey basis.
Configuration :	• 2X12.5/ 16 MVA Transformer. • 66kV Double Bus 3 Bays GIS. • 1 No incoming bay. • 2 Nos outgoing bay. • 11 KM underground Cabling. • Complete Civil works for yard including construction of control room and GIS room.
Project Location	: Manesar, Haryana
Project Status	: Commissioned in 2015

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Projects Executed In Recent Past

Honda Scooters & Motor Cycles Ltd.

66kV Gas Insulated Substation



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Projects Executed In Recent Past

Brookfield office Park - Gurgaon (G2). 66kV Gas Insulated Substation



Client	: Brookfield office Park - Gurgaon (G2).
Type of Project	: SEZ Office park consisting of 66KV 03bays GIS Switchyard on turnkey basis.
Configuration :	• 2X25/31.5 MVA 66/11kV Transformer. • 1 No. incoming bay. • 2 Nos. Outgoing Transformer Bay. • 10km 66kV under ground cable Line • HVPNL 66kV bay Extension Complete Civil Work for yard including the construction of Control room and GIS room.
Project Location	: Sector 21, Dundaheera, (Haryana)
Project Status	: Commissioned in 2019

Projects Executed In Recent Past

Brookfield office Park - Gurgaon (G2). 66kV Gas Insulated Substation



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Projects Executed In Recent Past

ASF Insignia Sez Pvt. Ltd

66kV Gas Insulated Substation



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Client	: ASF Insignia Sez Pvt. Ltd.
Type of Project	: SEZ Office park consisting of 66KV 03bays GIS Switchyard on turnkey basis.
Configuration :	• 2X25/31.5 MVA 66/11kV Transformer. • 66kV 3 Bays GIS. • 1 No. incoming bay. • 2 Nos. Outgoing Transformer Bay. • Associated civil work along with Control room and GIS room
Project Location	: Gwal Pahari Gurgaon, Haryana
Project Status	: Under Execution

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Projects Executed In Recent Past

ASF Insignia Sez Pvt. Ltd

66kV Gas Insulated Substation



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Projects Executed In Recent Past

Bharti Realty Ltd.

66kV Gas Insulated Substation



Client	: Bharti Realty Ltd.
Type of Project :	66 kV 4 bay GIS Substation for Master Switching Centre (Data Centre) on turnkey basis.
Configuration	• 2X16/20 MVA Transformer. • 1 No. incoming. • 2 Nos. Trafo bay. • 1 No. Tie Breaker • 4 Km 66 KV Under ground 66 KV cabling. • Terminal 66 KV Bay Extension at HVPNL Substation. Complete Civil Work for yard including the construction of MCR & GIS room.
Project Location	: Manesar, Haryana
Project Status	: Commissioned in 2013

Projects Executed In Recent Past

Bharti Realty Ltd.

66kV Gas Insulated Substation



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Projects Executed In Recent Past



- Client** : SRF Limited
- Type of Project** : Poly-Film Industry consisting of 132KV 03bays GIS Switchyard on turnkey basis.
- Configuration** : 1No. 132kV Metering bay
1No 132V Line Bay.
2Nos 20/25MVA 132/33kV Transformers Bay with Single Bus configuration. Complete Cable laying Work on Total Turnkey basis
- Project Location** : Pithampur, Madhya Pradesh
- Project Status** : Commissioned in 2021

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Project Under Execution



Client : Priya Gold - SGF Poly-films Ltd

Type of Project : Poly-Film Industry consisting of 132KV 02bays GIS Switchyard on turnkey basis.

Configuration : 1No 132V Line Bay.
1No. 132kV Metering bay.
1 No 20/25MVA 132/11kV Transformers Bay with Single Bus configuration. Complete civil Work along with Control room and GIS room on Total Turnkey basis

Project Location : Greater Noida, Uttar Pradesh

Project Status : Under Execution

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Projects Executed In Recent Past

Vivo India Mobile

220kV Gas Insulated Substation



Client	: Vivo India Mobile
Type of Project	: 220KV 05bays GIS Switchyard on turnkey basis.
Configuration :	• 2X32/40 MVA 220/11kV Transformer. • 220kV 5 Bays GIS. • 2 No. incoming bay. • 2 Nos. Outgoing Transformer Bay. • 1No. Bus Coupler Bay • Civil Work: Control Room, GIS Room and all Switchyard civil activities
Project Location	: Greater Noida, Uttar Pradesh
Project Status	: Commissioned in 2023

Projects Executed In Recent Past

Vivo India Mobile

220kV Gas Insulated Substation



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Projects Under Execution

Foxcon India.

220kV Gas Insulated Substation



Client	: Foxcon India.
Type of Project	: 220kV KV 06bays GIS Switchyard on turnkey basis.
Configuration :	• 2X50/60 MVA 220/11kV Transformer. • 220kV 6 Bays GIS. • 2 No. incoming bay. • 3 Nos. Outgoing Transformer Bay. • 1 No. Bus Coupler Bay
Project Location	: Bangalore, Karnatka
Project Status	: Under Execution

Projects Under Execution

Foxcon India.

220kV Gas Insulated Substation



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Galaxy A23 5G



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Projects Executed In Recent Past

Enel Energy Limited

220kV 300MW Hybrid GIS



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Client

: Enel Energy Limited

Type of Project

: 300MW Wind Power plant consisting of 33/220KV Switchyard on turnkey basis.

Configuration

: 1No. HGIS Bay at PGCIL End
1No. 220kV Line Bay.
2Nos. 33/220kV Transformers 120/150MVA Bay.
1 No 220kV Bus Coupler Bay.
18 Nos. 33kV feeder Bays.
2Nos. 250kVA 33/440V Station Transformer.
Complete Civil Work for yard including the construction of Control room.

Project Location

: Baranda, Gujarat

Project Status

: Commissioned in 2021

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Projects Executed In Recent Past

Enel Energy Limited

220kV 300MW Hybrid GIS



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Brief Recent EHV GIS Substation Clients

List of work

Description

Customer Name

Vivo India Limited	Design, Supply, Civil, Erection, Integration, Testing & Comissioning of 220/11kV with 05Nos. 220kV Gas Insulated Switchgear bays Incl. 02Nos. 220kV Line bays, 2x40MVA Power Transformer, 01No. B/C Bay & 11Nos. of 11kV LT Switchgears with Outdoor Metering system Incl. CT & PTs, Structures, Marshalling Kiosk, Equipments Foundation, Civil Work (incl. HVAC, Centralised Fire Fighting system) & Yard Development at 220/11kV Substation on Turnkey basis at Greater Noida, Uttar Pradesh
Foxconn - Cinda	Design, Supply,Erection, Integration, Testing & Comissioning of 220kV with 06Nos. 220kV Gas Insulated Switchgear bays Incl. 02Nos. 220kV Line bays, 3Nos Power Transformer, 01No. B/C Bay on Turnkey basis at Bangalore, Karnataka
Enel Green Energy Limited	Design, Supply, Civil, Erection, Integration, Testing & Comissioning of 220/33kV 300MW, 220kV 04Nos. Bays Incl. (01No. 220kV Line bay, 2x160MVA Power T/F, 01No. B/C & 16Nos. 33kV bays) along with Switchgears i.e Circuit Breaker, Isolator, CT & PTs, ACDB, DCDB, Structures, Marshalling Kiosk, SCADA System with Cyber security, Equipments Foundation, Civil Work & Yard Development at 33/220kV Substation on Turnkey basis at Baranda, Gujarat & 1X 220kV Hybrid GIS Bay at PGCIL Bhuj Substation, Gujarat
Ultratech Cement Mumbai	Design, Engineering, Supply, Erection, Testing & Commissioning of 132/33KV 3Bay Out door GIS Substations on Turnkey Basis with Supply, Installation of Power Transformer, GIS switchgear, SCADA, Metering Bay and Lisioning work
SRF Limited - Packaging Industry	Design, Engineering, Supply, Erection, Testing & Commissioning of 132/33KV 2X20/25MVA 3Bay GIS Substations on Turnkey Basis with Supply, Installation of Power Transformer, GIS switchgear, SCADA, Metering Bay and Lisioning work at Madhya Pradesh
Priya Gold Surya SGF - Packaging Industry	Design, Engineering, Supply, Erection, Testing & Commissioning of 132/11KV 20/25MVA 2Bay with Single bus Configuration GIS Substations on Turnkey Basis with Supply, Installation of Power Transformer, GIS switchgear, SCADA, Metering Bay, Lisioning work and with all associated civil works at Uttar Pradesh
Bharti Realty Ltd	Design, Engineering, Supply, Erection, Testing & Commissioning of 66kV 3 Bay,2x20MVA Double Bus GIS substation complete with supply, installation of transformer, Bus Coupler, Metering System, HT Panel, Terminal Bay at HVPNL End and 4Km. 66kV Underground cabling Including liasioning, Civil work & Cabling etc at Manesar, Gurgaon

“Our Uniqueness lies in our effort to satisfy our Unique Customers”



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Brief Recent EHV GIS Substation Clients

List of work	
Description	Customer Name
Honda Motorcycle and Scooter India Pvt. Ltd.	Design, Engineering, Supply, Erection, Testing & Commissioning of 66kV 3 BAY, 2x20 MVA GIS Sub Station on turnkey basis complete with supply and installation of transformer, HT Panel etc including civil work. Bay extension at Grid Substation, liasioning and 11Km.66kV Underground Cabling & connecting 66kV cable is also in our scope.
Brookfield Office park - Tikri, Gurgaon (G1)	Design, Engineering, Supply, Erection, Testing & Commissioning of 66kV 3 BAY, 2x25 MVA GIS Sub Station on turnkey basis complete with supply and installation of transformer, HT Panel etc including civil work. Bay extension at Grid Substation, liasioning and 10Km.66kV Underground Cabling & connection at Sector 48, Gurgaon
Brookfield Office park - Tikri, Gurgaon (G2)	Design, Engineering, Supply, Erection, Testing & Commissioning of 66kV 3 BAY, 2x25 MVA GIS Sub Station on turnkey basis complete with supply and installation of transformer, HT Panel etc including civil work. Bay extension at Grid Substation, liasioning and 10Km.66kV Underground Cabling & connection at Sector 21, Gurgaon
Aarti Industries Limited	Design, Engineering, Supply, Erection, Testing & Commissioning of 66kV 3 BAY, 2x15/18 MVA GIS Sub Station on turnkey basis complete with supply and installation of transformer, HT Panel, Metering Bay etc including Construction of Control Room, Yard Development and other civil work. 1 No. 66kV Bay extension at GETCO Grid Substation, liasioning and 1.8 Km.66kV Underground Cabling & connection at Jhagadiya, Gujarat.
ASF Insignia	Design, Engineering, Supply, Erection, Testing & Commissioning of 66kV 3 BAY, 2x31.5 MVA GIS Sub Station on turnkey basis complete with supply and installation of transformer, HT Panel, etc including liasioning and 8 Km.66kV Underground Cabling & connection at Gurgaon.
Aarti Industries Limited	Design, Engineering, Supply, Erection, Testing & Commissioning of 66/11kV 1 BAY, 15/18 MVA GIS Sub Station on turnkey basis complete with supply and installation of transformer, HT Panel, Metering Bay etc including Construction of Control Room, Yard Development and other civil work. 1 No. 66kV Bay extension at GETCO Grid Substation, liasioning and 350m span 66kV Underground Cabling & connection at Vapi, Gujarat.
Atul Limited	Design, Engineering, Supply, Erection, Testing & Commissioning 12 MVA 66/11kV, GIS substation on EPC basis with complete Supply, Installation Testing, Commissioning of 3 bays (1No. Line Bay & 2Nos. Transformer Bay GIS) with supply of 12 MVA Transformer, 66Kv GIS along with Metering bay, 11 Kv panel & RMU, 415V PCC Panel and other associated equipment's & Installation of EOT Crane, complete civil work including yard development and construction of control room.
Aarti Industries Limited	Design, Engineering, Supply, Erection, Testing & Commissioning of 66kV 1x25/31.5 MVA GIS Sub Station on turnkey basis complete with supply and installation of transformer, HT Panel etc including Yard Development and other civil work.

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Srex Key Competencies

- ❑ **Qualification:** We are Techno-Commercially Qualified for all **States and Central PSU's** organization for construction of Substation Tender from 33kV to 400kV
 - a) **NTPC**
 - b) **PGCIL**
 - c) **State Utilities** – RRVPNL, DTL, HVPNL, MPPTCL, GETCO
- ❑ **Corporate Presence :** We have strong corporate presence across various sectors. We also have executed projects for Multinational companies like: **Enel – Italy, Brookfield – Canadian, Honda – Japanese, GE – US, Vivo – Chinese, Foxcon- Taiwanese etc.**
- ❑ **Government Presence:** We have executed/Under Execution of EHV Substation projects at various voltage class for various government organization
- ❑ **Organization Strength :** We have well framework hierarchy for fastest response to clients needs
- ❑ **Technologies :** We have executed/Under Execution of EHV **Gas based Substation , Air Insulated Substation and Hybrid GIS Substation** projects at 66kV – 132kV – 220kV- 400kV.
- ❑ **In-House Infrastructure :** We have in-house infrastructure for various activities like: Designing of Electrical, Civil & Mechanical/ Construction of Civil, Electrical/ Testing & commissioning.
- ❑ **Strong Experienced Man Power :** We have strong in-house well experienced manpower for executing all the activities required for the EHV Substation like Safety, Quality, Engineering & Design, Installation, Testing & commissioning, Civil and Coordination.



Srex Offerings

A. Complete Design

- Electrical
- Mechanical
- Civil

B. Complete Construction

- Electrical
- Mechanical
- Civil

C. Complete Testing

D. Complete Inhouse Integration

- In Equipment rating selection and Installation
- In civil calculation like Thread Calculation, Stud Calculation etc.
- Between Utility side and customer end.
- At customer end EHV Setup and distribution Setup.
- Testing and Commissioning
- Final charging

E. Complete Liaison

- With State Authority
- With Central Authority
- a. SLDC
 - Registration
 - Charging Approval/ Commissioning Approval
 - Charging Code
 - Data Integration

F. Attractive Deliverables

- Attractive Time Lines
- Safety Guidelines Adherence
- Highest Quality Deliverables
- Close Proximity
- Flexibility
- Faster Response

Thank You

‘The Possibilities we see in Complexities is what inspire us to be ‘The Possiblers’.



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