



S.G.E.T. ENERGY PRIVATE LIMITED

EXCELLENCE IN ENGINEERING & SERVICES

New Vidya Nagar (West), Near - D.A.V. Swarna Rekha Public School, Harmu, Ranchi,

Jharkhand-834002

Introduction

SGET Energy previously known as SG Enterprises introduces a promised way of heavy electrical and engineering services with revolutionary thought leadership and the zeal to bring reliable customer satisfaction.

The chapter will bring you all the highlights about the company and its thought process. It shall highlight our values and the highest milestones achieved so far with a strive to achieve more.



Registered 2022

Services

- ▶ Testing & commissioning of Substation up to 400KV class in AIS and GIS
- ▶ Electrical Safety Audit
- ▶ Energy Audit
- ▶ Electrical System Audit
- ▶ Load flow analysis short circuit analysis
- ▶ Earthing audit
- ▶ OPGW stringing & OFC Laying including communication & all type of solution
- ▶ PLCC data communication (MAKE ABB, ZIV & BPL)
- ▶ Engineering drawing for substation
- ▶ Man power supply for Supervisory Activities
- ▶ Man power supply for Assisting the Operation and Maintenance job of Substation
- ▶ Overhauling, Re-habitation and General Maintenance of Transformer, Motors, Generators, Switch Gears and Isolators.
- ▶ Attending the condition-based maintenance for all Electrical Equipment in Process Industry and Substation
- ▶ Performance Assessment of Transformers, Motors, Compressors and Pumps
- ▶ Insulation Diagnostics in substation equipment HT and LT Motors, Generators, Switchgears and cables
- ▶ Providing the supports for Turn around Jobs
- ▶ Technical Training

Testing Equipment

- ▶ Relay Testing Kit. Make Megger (Double Channel Configuration).
- ▶ 10KV Digital Insulation Tester
- ▶ Tan-delta Kit
- ▶ TRM 100. Make Scope
- ▶ Winding Resistance Kit. Make Scop
- ▶ CRM Kit.
- ▶ Time Testing Kit
- ▶ 2000-amp Current injection kit
- ▶ Volt injection kit
- ▶ 70KV AC/DC High-pot Kit
- ▶ Sf₆ gas analyzer Kit
- ▶ DCRM Kit
- ▶ Transformer Oil Filtration machine. 6kL & 12kl.
- ▶ BDV test kit & PPM test kit
- ▶ Earth test kit

Specialized Services

- ▶ Annual Maintenance testing of various types of protection relays.
- ▶ Circuit Breaker Analysis, DCRM, Dew Point measurement.
- ▶ Configuration, Bushing, testing and commissioning of numerical relay.
- ▶ Factory Acceptance Test for CRP.
- ▶ Retrofitting and Refurbishment of CRP and Switchgears.
- ▶ AMC, periodical maintenance test of electrical equipment.
- ▶ Services and overhauling of ACB, VCB, SF6 breakers & Transformers.
- ▶ Training on Protection System and Switchgears.
- ▶ Load Flow Analysis.
- ▶ CCTV Surveillance with Analogue & Digital Systems.
- ▶ Optic fibre & Network communications.
- ▶ Supports for Tower erection and stringing.
- ▶ System studies like Load Flow, Short Circuit, Transient, Harmonics, Troubleshooting, Root cause analysis etc.

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CREDENTIALS

SLNO.	SITE	CLIENT	WORK DISCRPTION
01	ORISSA STEEL & POWER PVT. LTD, JHARGRAM	ORISSA STEEL & POWER PVT. LTD. (FORMERLY RASHMI UDYOG PVT. LTD.)	33 KV SWITCHBORD TESTING & COMMISSIONING
02	SKIPPER LIMITED HOWRAH	JAGANNATH ELECTRICAL ENTERPRIZE PASCHIM MEDINIPUR	132 KV SWITCHYARD TESTING & SERVICING
03	JHARKHAND URJA SANCHARAN NIGAM LIMITED JADUGODA	GEPDEC INFRATECH LTD NOIDA	LBB RELAY TESTING & COMMISSIONING
04	POWER RESEARCH & DEVOLOPMENT CONSULTANTS PVT. LTD. BANGALORE	POWER RESEARCH & DEVOLOPMENT CONSULTANTS PVT. LTD. BANGALORE	132 KV SUBSTATION & TRANSMISSION SURVEY & DESIGN DRAWING WORKS
05	JHARKHAND URJA SANCHARAN NIGAM LIMITED	GEPDEC INFRATECH LTD NOIDA	PLCC CHEAKING, TESTING & COMMISSIONING
06	JHARKHAND URJA SANCHARAN NIGAM LIMITED, HANSDIHA & NARAYANPUR	SPML INFRA LIMITED, KOLKATA	132/33 KV SUBSTATION NEW BAY EXTENTION INSTALLATION WORKS
07	JHARKHAND URJA SANCHARAN NIGAM LIMITED	ABN TOWER AND TRANSMISSION PVT. LTD KOLKATA	132/33 KV SWITCHBORD TESTING & COMMISSIONING

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CREDENTIALS

<u>SLNO.</u>	<u>SITE</u>	<u>CLIENT</u>	<u>WORK DISCRIPTION</u>
08	USHA MARTIN LIMITED 2X10MW CAPTIVE POWER PLANT, RANCHI	OXIZEN SOFTECH PVT. LTD SHYAMNAGAR	132 KV SWICHYARD EXTENTION
09	JHARKHAND URJA SANCHARAN NIGAM LIMITED MONOHARPUR	ABN TOWER AND TRANSMISSION PVT. LTD KOLKATA	132/33 KV SWITCHBORD TESTING & COMMISSIONING
10	EAST COAST RAILWAY	KEC INTERNATIONAL LIMITED DHENKANAL	132/33 KV SWITCHBORD TESTING & COMMISSIONING
11	BHARAT COKING COAL LIMITED BARORA	BHARAT COKING COAL LIMITED BARORA	SUPPLY, INSTALLATION ERECTION & RECTIFICASITION OF LT LINE.
12	JHARKHAND URJA SANCHARAN NIGAM LIMITED SWITCHYARD PTPS, PATRATU	JHARKHAND URJA SANCHARAN NIGAM LIMITED SWITCHYARD PTPS, PATRATU	RELAY INSTALLATION TESTING & COMMISSIONIING
13	INLAND POWER LIMITED RANCHI	INLAND POWER LIMITED RANCHI	LOAD FLOW & SHORT CIRCUIT ANALYSIS
14	MACMET ENGINEERING LIMITED KOLKATA	MACMET ENGINEERING LIMITED KOLKATA	11/0.415 kV SUBSTATION SUPPLY ERECTION TESTING & COMMISSIONING

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CREDECIALS

SLNO.	SITE	CLIENT	WORK DISCRPTION
15	NTPC NORTH KARANPURA	THERMOSSYSTEMS PVT LTD. HYDABAS	TESTING JOBS
16	LARSEN & TURBRO LIMITED, CONSTRUCTION RANCHI SMART CITY	LARSEN & TURBRO LIMITED, CONSTRUCTION CHENNAI	132 kV TOWER & ACCESSORIES DISMANTLING & CABLE REROUTING
17	TENUGHAT VIDYUT NIGAM LIMITED LALPANIA, BOKARO	TENUGHAT VIDYUT NIGAM LIMITED LALPANIA, BOKARO	11 kV SUBSTATION TESTING
18	TENUGHAT VIDYUT NIGAM LIMITED LALPANIA, BOKARO	TENUGHAT VIDYUT NIGAM LIMITED LALPANIA, BOKARO	TESTING & CONDITION MONITORING OF SUBSTATION
19	JHARKHAND URJA SANCHARAN NIGAM LIMITED MADANPUR, DUMKA	JHARKHAND URJA SANCHARAN NIGAM LIMITED MADANPUR, DUMKA	SUPPLY, ERECTION, TESTING & COMMISSIONING OF PLCC PANEL FOR DATA TELEMTRY FOR 132 kV TRANSMISSION LINE.
20	JHARKHAND URJA SANCHARAN NIGAM LIMITED RAJMAHAL-SAHIBGANJ TRANSMISSION LINE	JHARKHAND URJA SANCHARAN NIGAM LIMITED RAJMAHAL-SAHIBGANJ TRANSMISSION LINE	DISMANTLING, ERECTION, INSTALLATION TESTING & COMMISSIONING OF PLCC EQUIPMENT 132 kV TRANSMISSION LINE.
21	JHARKHAND URJA SANCHARAN NIGAM LIMITED JAMTARA TO MADHUPUR	JHARKHAND URJA SANCHARAN NIGAM LIMITED JAMTARA TO MADHUPUR	DISMANTLING, REPAIR & RE-INSTALLATION OF OPGW CABLE OF 132 kV TRANSMISSION LINE

CLIENTS



THANK YOU

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