



NS ELECTRICAL
ELECTRICAL ENGINEERING



A PLAYER OF SUBSTANCE

Electrical distribution and control has to overshoot the benchmarks of reliability. We at NS Electrical strive to deliver the highest standards of this reliability with solutions and products. Having comprehended the industry's requirements for a stable electrical system, we delivered the products and solutions that continue to run and grow businesses consistently. Design, technology, engineering, quality, service and our trusted partners combine to form our mantra that meets specific needs of automation-driven electricity distribution and control solutions across industries. Competence - Consistence - Collaboration are the pillars that we stand on. As we close a rather difficult and challenging year, we thank our customers for relying on us to deliver a promise we intend taking forward as we enter a new year of hope.



Suguna Foods Plant, Balasore



About Us

A fully integrated, Customer oriented approach to Design and Engineering of Electrical Solutions.

Established in 2003, N S ELECTRIC has been a long provider of Electrical Engineering solutions to industries continually evolving to meet our customers' needs. Our integrated engineering designs and solutions have been providing steady, efficient, cost-effective and quality support to the industries. We provide single source solutions encompassing engineering and sustainability.

The Engineering Services Group provides electrical engineering, automotive manufacturing, factory building, commissioning, industrial safety and investigative engineering.

Some of our esteemed clients are :

- SABYASACHI CALCUTTA LLP (ADITYA BIRLA GROUP)
- INDORAMA INDIA PVT. LTD.
- MAIPL (HIDCO 33KV SUB-STATION)
- BISLERI - ORIENT BEVERAGES LTD.
- NOURITURE - ANMOL FEEDS PVT. LTD.
- MERI CHAI (BALAJI AGRO PVT. LTD.)
- SELENG TEA ESTATE (ASSAM)
- GREENPACK PACKAGING
- GRG EXPORT (EDIBLE OIL PLANT)
- HERALD BEVERAGES PVT. LTD.
- SUGUNA FOODS PVT. LTD.
- ALPHA FEEDS PVT. LTD. (ALLANA GROUP)
- LEMONTECH AGRO PRODUCTS PVT. LTD.
- GLOBAL PACKAGING PVT. LTD.
- TANTIA CONSTRUCTIONS LIMITED

We integrate equipment involving high Voltage (HV up to 4000kV) , Low Voltage (LV), Extra Low Voltage (ELV), Information & Communications Technology (ICT) and Infrastructure Work to create a functionalelectrical system including, but are not limited to:

Cable Laying | Generator Set | Electrical Switchboard | Busbar Trunking System | Power and Lighting System | Lighting Protection & Earthling System | Transformer Installation | MV& HV Switchgear Panels | Control Panel | Commercial & Industrial Wiring | Safety Services | Closed Circuit Television System (CCTV) | Network System Structure Cabling

Our Engineering Services Group provides efficient and effective project Management along with quantity-quality surveying expertise. Having the knowledge and expertise we focus on delivering our customer tailor made solutions to their unique projects. We look forward to building anew relation with you



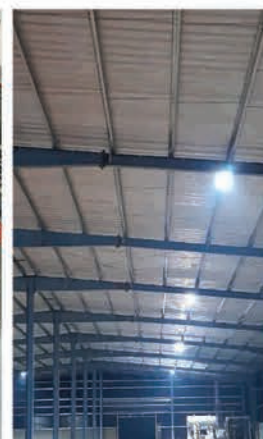
INDUSTRIAL ELECTRIFICATION

NS Electrical provides turnkey solutions for electrification works, both HT & LT, which includes supply and erection of cables, cable termination, GI perforated & cable/wire ladder tray, lighting work, power distribution, energy conservation, machine commissioning & testing, electrical instrumentation and communication solutions for a whole gamut of core industries covering power, infrastructure, manufacturing, food processing industries and IT parks.

Dreamworld packaging, corrugated cardboard plant, Siakhala, W.B.



Integrated
Plant
Commissioning





POWER TRANSMISSION



We have provided State-of-the-art cable laying solution on a pan India scale at Sub-stations upto 132kVA as a sub-vendor.

Utility
Power
Distribution

132kVA NTPC Sub-station, Dibrugarh - Assam



Trench cable laying at Sub-station



33kV transformer commissioning



Erection and commissioning Sub-stations

POWER DISTRIBUTION INFRASTRUCTURE

NSE provides comprehensive solutions for power quality improvement, and distribution reform across industries. With rich experience, NSE offers one stop solution comprising supply, installation, testing and commissioning of Sub-Stations (11 & 33kV) both indoor and outdoor as well as Packaged / Compact Sub-Stations.



33kV Sub-station HBPL, Diamond Harbour





POWER CONTROL INFRASTRUCTURE

State-of-the-art manufacturer of PCC, MCC, DG synchronizer, ATS, ACB, VCB and Power Factor correction other switch gear panels for varied industries, with highest standards and CPRI testing and certification. We also offer PLC and automation solutions using SCADA programming for various manufacturing industries.



Switchgear Panel for Steel Plant

**Distribution
Control &
PLC Panel
Manufacturing**



PLC Panel



PCC Panel



LCS Panel



TURNKEY SOLUTIONS

Keeping in mind the needs of the techade we are providing turnkey solutions tailor made for SME's, bridging the solution provider gaps to help fulfill their industrial aspirations.



Sabyasachi Calcutta PMCC Panel

Integrated
Plant
Commissioning



Indorama Haldia Boiler Plant





RECENTLY COMMISSIONED PROJECTS



Indorama Haldia Boiler Plant



HIDCO 33KV Sub-Station, New Town



RECENTLY COMMISSIONED PROJECTS



Workmanship at various sites





*Sabyasachi Calcutta
1600 KVA Package Sub-Station*



GRG Export Oil Plant



Sabyasachi Calcutta



GRG Export Oil Plant



SERVICE MODEL





List of Works

HT	Transformer up to - 5MVA
	HT Cable Laying
	HT Line Erection
	HT Cable Jointing
	CSS Erection & Commissioning
LT	Cable Laying / Dressing & Termination,
	Perforated Ladder / Wire Mesh Cable tray installation (FRP / GI)
Earthing	Chemical Earthing, Lightning arrester I&C with counter meter
Outdoor & Indoor Lightning	Lighting supply, Installation & Commissioning of Highbay, Midbay, Industrial & Street Lighting
PDB, LDB, I&C	Panels - PCC, MCC, APFC, DG Synchronizer, Control Desk, PLC, VFD
PLC	Industrial automation programming of PLC system with Scada desining
Safety Solutions	VCB, ACB & Switchgear panels
	Earthing and Surge Protection Solutions
	VFD solutions for motor energy savings as well as protection
	Motor I&C Up to 200Hp



Quality Assurance

Quality is our highest priority. We have industries standard testing equipment and machinery at all site locations to keep tight control over the quality of all engineering installations



Cable Insulation Resistance Tester

Digital Earth Resistance Meter

Transformer Turns Ratio Test

Welding Machine

Bench Drill Pillar

Hammer Drill

Multi Meter

Associated Partners



Connection Zindagi Ka





SCALING NEW HEIGHTS

Expanding Frontiers

Fortified by strategic relationship with leading, infrastructure contractors and University IIT Kanpur, NS Electrical is installing and commissioning State-of-the-art Bridge health monitoring system.





NS ELECTRICAL

ELECTRICAL ENGINEERING

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