GREEN WAVE

ENGINEERING & TECHNOLOGY

Reliable Power. Smarter Solutions. Sustainable Future.

COMPANY PROFILE

Engineering solutions for a smarter industry.

Green Wave Engineering & Technology is an engineering solutions company specializing in Electrical Power Distribution, Industrial Automation, and Energy Efficiency Solutions. We are committed to delivering reliable, efficient, and innovative engineering solutions that meet the evolving demands of modern industries.

Electrical Power Distribution

Reliable distribution systems engineered around the demands of your facility, from incoming supply to the final circuit.

- MDB, SMDB, DB & SDB
- LT Switchgear & Panels
- Motor Control Center (MCC)
- PFI Panels
- ATS Panels
- Synchronizing Panels
- Industrial Control Panels
- Busbar Trunking (BBT)

Substation & High Voltage

Integrated substation and high-voltage solutions with a focus on safe switching, dependable operation and transformer protection.

- Electrical Substations
- HT Switchgear
- VCB Panels
- Ring Main Units (RMU)
- Transformer Protection

Industrial Automation

Connect processes, control equipment and turn operational information into confident decisions with integrated automation.

- PLC & Control Systems
- HMI & Operator Panels
- VFD & Soft Starters
- Motor Control & Protection
- Process Control & Monitoring
- Industrial SCADA Solutions

Energy Management & Efficiency

Understand consumption, improve power quality and identify opportunities to make industrial operations more efficient.

- EMS: Real-Time Monitoring & Energy Analysis
- Power Quality Monitoring & Energy Reporting
- ABB IE4 & IE5 Motors
- Energy-Efficient Motor Replacement
- VFD-Based Solutions
- Pump & Fan Optimization
- Power Factor Improvement

Electrical Components & Protection

Thoughtful component selection and protection solutions to support electrical safety and dependable system operation.

- MCB, MCCB, ACB & VCB
- Magnetic Contactors
- Overload Relays
- SPD, RCCB & RCBO
- Protective Relays

Rooftop Solar & Power Integration

Plan a rooftop solar solution around your facility, from available roof space and daytime demand to inverter selection, protection and electrical integration.

- Rooftop PV System Planning
- Solar Inverter Selection
- AC & DC Protection
- Grid & Distribution Integration
- Generation Monitoring

PRODUCTS & TECHNOLOGY

Electrical products. Engineering support.

Circuit Protection

- MCB
- MCCB
- ACB
- VCB
- RCCB / RCBO

Motor Control & Protection

- Magnetic Contactor
- Overload Relay
- Motor Protection Devices

Electrical Protection

- Surge Protection Device (SPD)
- Protective Relays

Panels & Distribution

- Switchgear Panels
- Control Panels
- Busbar Trunking (BBT)

Metering

- Metering Devices
- Energy Monitoring Devices

Motors & Drives

- ABB IE4 & IE5 Motors
- Inverter / VFD
- Soft Starter

Automation & HMI

- PLC
- HMI

Industrial IoT

- IoT Gas Pressure Monitoring
- IoT Energy Meter & Gateway
- IoT Tank Level & Pump Control
- IoT Water Flow Monitoring
- IoT Diesel Level Monitoring
- IoT Temperature & Humidity Monitoring

Our technology focus

ABB: Electrical Power Distribution, Industrial Automation, IE4 / IE5 Energy-Efficient Motors.
Siemens: Automation & Control, Power Distribution, Protection & Safety.

Industries we serve

Ready-Made Garments (RMG) & Textile · Pharmaceuticals & Healthcare · Steel & Cement · Food & Beverage · Plastic & Packaging · Manufacturing & Processing · Commercial Buildings · Power & Renewable Energy

Let’s discuss your requirements.

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