

BLOOM GREEN ENERGY

Engineering Sustainable Solutions

Flagship Corporate Company Profile
Version 1.0

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01. Company Overview

Bloom Green Energy provides integrated engineering consultancy and project solutions for industrial, energy and infrastructure sectors.

02. Vision, Mission & Values

Deliver technically sound, sustainable and commercially practical engineering solutions.

03. Engineering Divisions

Power Plants, Renewable Energy, Microgrids & BESS, Marine, Industrial Processes, HVAC, Mining and Project Management.

Capability	Coverage
Engineering	Concept to commissioning
Documentation	Reports, drawings, procedures
Support	Technical advisory & implementation

04. Industries Served

Oil & Gas, Marine, Textile, Utilities, Manufacturing, Mining, Government, Commercial and Infrastructure.

05. Power Plant Engineering

Design review, protection coordination, reliability improvement, commissioning, troubleshooting and lifecycle support.

06. Renewable Energy

Solar PV, wind, hybrid systems, energy yield assessment, EPC advisory and performance optimisation.

Capability	Coverage
Engineering	Concept to commissioning
Documentation	Reports, drawings, procedures
Support	Technical advisory & implementation

07. Microgrid & BESS

Battery sizing, EMS philosophy, hybrid integration, resilience and power quality.

08. Marine Engineering

Propulsion systems, gearboxes, lifting plans, commissioning and technical advisory.

09. Industrial Processes & HVAC

Energy efficiency, cooling systems, utilities optimisation and process improvement.

Capability	Coverage
Engineering	Concept to commissioning
Documentation	Reports, drawings, procedures
Support	Technical advisory & implementation

10. Mining Consultancy

Power infrastructure, workshops, mobile equipment support and engineering services.

11. EPC & Project Management

Planning, procurement, construction support, commissioning and project controls.

12. Digital Engineering

Engineering calculators, RFQ portal, digital documentation and reporting.

Capability	Coverage
Engineering	Concept to commissioning
Documentation	Reports, drawings, procedures
Support	Technical advisory & implementation

13. Engineering Calculators

Generator sizing, cable sizing, transformer sizing, BESS sizing, solar ROI, voltage drop and more.

14. Representative Case Studies

Industrial power systems, marine engineering, renewable integration and process optimisation.

15. Contact Information

Website: bloomgreenenergy.com