



ENERGIZE

Unlocking growth in the energy ecosystem

Renewable Energy Solutions

Wind, Solar, BESS and Electric Mobility Infrastructure

COMPANY PROFILE | 2026

Energize at a glance

An Egyptian renewable-energy company supporting projects from early definition through delivery

2023

Registered in Egypt

4

Core technologies

5

Integrated service areas

Energize develops practical technical, financial, and commercial solutions for wind, solar PV, battery energy storage, and electric mobility infrastructure. The company supports clients, EPC contractors, manufacturers, investors, and tender teams with one coordinated project view.

TECHNICAL

FINANCIAL

COMMERCIAL

DELIVERY

A coordinated route from opportunity to operating asset

Decisions connect design choices, project economics, procurement strategy, and execution risk

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|-----------|-----------------------------|--|
| 01 | Technical definition | Convert requirements and site conditions into a clear concept, system architecture, and engineering basis. |
| 02 | Commercial structure | Align supplier strategy, scope boundaries, contracting approach, and tender positioning. |
| 03 | Financial logic | Test capital cost, operating assumptions, energy value, and investment viability. |
| 04 | Project delivery | Carry the approved solution into detailed engineering, procurement, construction, and commissioning. |

Technology focus

Standalone and hybrid renewable-energy systems

WIND

Resource-led generation
for utility and industrial
energy strategies

Site screening
Concept selection
Electrical integration

SOLAR PV

Scalable generation for
residential, C&I, utility, and
off-grid applications

Yield modelling
System design
EPC delivery

BESS

Flexible storage for
resilience, renewable
firming, and energy-cost
management

Power and energy sizing
Control philosophy
Grid and load integration

E-MOBILITY

Charging infrastructure
linked to buildings, fleets,
renewables, and storage

Load assessment
Charger selection
Electrical integration

Solutions across market segments

System architecture and commercial structure are matched to the customer scale and operating need

RESIDENTIAL

Homes, villas and residential compounds

Rooftop solar PV
Home energy storage
EV charging
Backup and smart energy management

COMMERCIAL & INDUSTRIAL

Offices, factories, hotels, farms and critical facilities

Rooftop and ground-mounted PV
C&I battery storage
Fleet and workplace charging
Hybrid and resilience solutions

UTILITY

Large renewable-generation and grid-support projects

Utility-scale solar and wind
Grid-connected BESS
Hybrid power plants
High-capacity charging infrastructure

Integrated services

Flexible support for a defined work package or the full project scope

Concept and feasibility

Requirements review, site constraints, technology selection, preliminary sizing, energy studies, and project definition.

Innovative solutions

Technical options tested against commercial objectives, financial limits, reliability requirements, and delivery conditions.

Detailed engineering

Electrical and multidisciplinary design development, calculations, specifications, drawings, schedules, and design coordination.

Consultancy

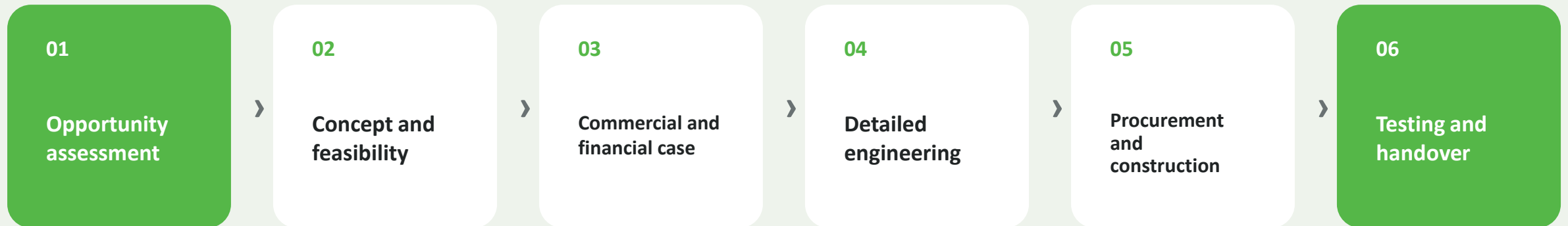
Owner's engineering, tender support, bid evaluation, design review, technical due diligence, and project advisory services.

Full EPC

Engineering, procurement, construction, testing, commissioning, documentation, and handover under one delivery structure.

Project lifecycle coverage

One project logic continues from initial opportunity through commissioning



Energize can lead the full sequence or join at a defined stage, with clear interfaces to the client, consultant, EPC contractor, OEM, and financing stakeholders.

Solar PV solutions

Engineering and delivery support for systems matched to site conditions, energy demand, and commercial priorities.

- **Utility-scale generation**
- **Commercial and industrial systems**
- Rooftop, ground-mounted, and carport solutions
- Off-grid and hybrid power systems
- PV integration with BESS and existing networks



Wind energy solutions

Development and engineering inputs that connect the wind resource to an executable project

Site and resource

Site screening, wind data review, preliminary energy assessment, and development constraints.

Electrical integration

Collector system concept, substations, grid interface, protection philosophy, and hybrid-system integration.

Concept development

Technology and turbine assumptions, preliminary layout inputs, access strategy, and balance-of-plant definition.

Delivery support

Tender documentation, OEM coordination, technical review, engineering management, and EPC execution support.

Battery energy storage systems

Energize defines storage around the required duty, operating profile, power quality, safety, controls, and commercial objective.

- 01 **Backup power and operational resilience**
- 02 Renewable-energy firming and time shifting
- 03 Peak shaving and demand management
- 04 Microgrids and off-grid applications
- 05 Industrial and critical-load solutions



Engineering and EPC scope

Disciplined technical documentation supports procurement, construction, testing, and handover

Design basis

- Site data review
- Codes and standards
- System architecture
- Interface definition

Engineering outputs

- Layouts and SLDs
- Sizing calculations
- Specifications and datasheets
- Cable and equipment schedules

Procurement

- Vendor prequalification
- Technical bid evaluation
- OEM document review
- Expediting and inspection support

Construction and handover

- Site coordination
- Quality and HSE controls
- Testing and commissioning
- As-built documents and training

How Energize engages

A flexible role for project owners, delivery partners, technology providers, and investors

Clients and project owners

Project definition, technology selection, business-case support, owner's engineering, and EPC delivery.

EPC partners

Specialist renewable-energy engineering, scope integration, supplier coordination, tender support, and execution capacity.

Manufacturers and OEMs

Market access, solution development, technical positioning, localization support, and project opportunities.

Investors and tender teams

Technical and commercial due diligence, cost and risk review, bid strategy, and project packaging.

Business contact

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Let's develop reliable renewable-energy projects

Technical, financial, commercial, engineering, consultancy, and EPC solutions for wind, solar PV, BESS, and electric mobility infrastructure.

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Registered in Egypt since 2023