Company Profile

GES Energy · Est. 2010 · Bulgaria & Romania

120+
projects

110+ MWp
In operation

€210M
portfolio

16 yrs
experience

Full EPC Partner · PV · BESS · Bulgaria & Romania

Engineering · Procurement · Construction



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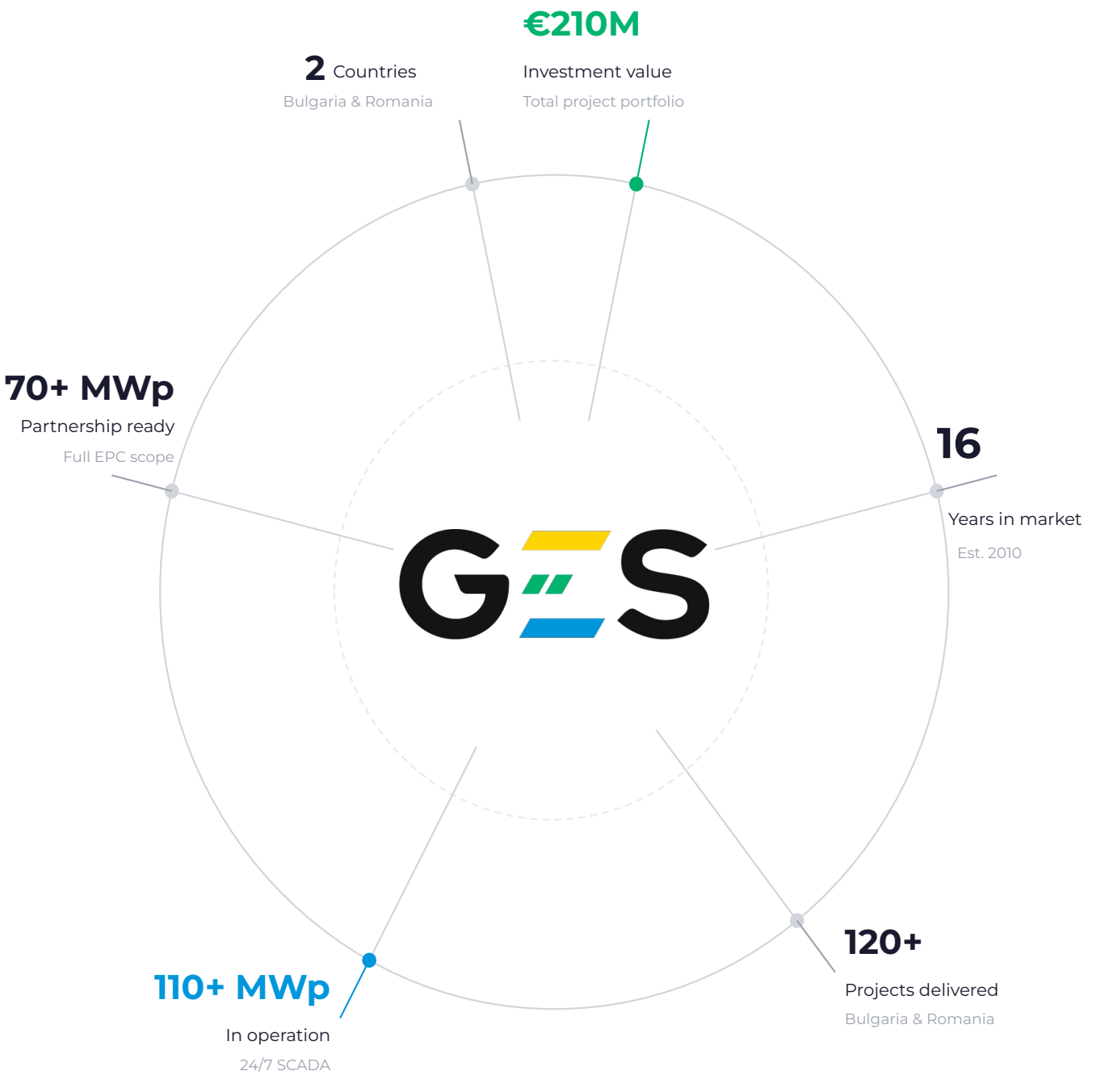
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Company Overview

GES Energy · Est. 2010 · Bulgaria & Romania



- Full EPC capability
  No third-party risk
- ISO 9001 · 14001 · 45001 · 27001
  Internationally certified
- Bulgaria & Romania
  Est. 2010 · 16 years

Executive Summary

GES Energy · Est. 2010 · Full EPC Partner

GES Energy is a dedicated renewable energy EPC contractor founded in 2010, with 16 years of uninterrupted focus on the full project cycle — from feasibility and engineering through procurement, construction, grid connection, and O&M.

With **120+ projects delivered**, **110+ MWp in operation**, and a portfolio exceeding **€210M**, we deliver proven financial stability and technical depth.

We are actively extending to international markets, ready to serve as a bankable EPC partner for utility-scale solar across East Africa and beyond.

120+
Projects delivered
Bulgaria & Romania

€210M
Total portfolio value
Fully executed EPC

16
Years in market
Est. 2010

FULL EPC SCOPE

Research & Feasibility
Site analysis · yield modelling · grid assessment

Engineering & Design
Full technical design · permitting · compliance

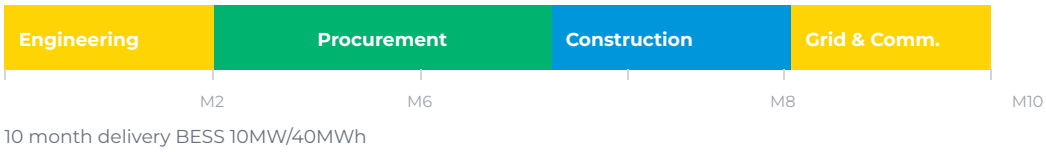
Procurement
Tier-1 equipment supply · supply chain management

Construction Management
Civil, electrical & structural works · QA/QC

Grid Connection
HV/MV works · substation · metering & commissioning

O&M · 24/7 SCADA & EMS
Remote monitoring · preventive maintenance

EPC PROJECT DELIVERY PHASES



10 month delivery BESS 10MW/40MWh

"From the first solar watt to 24/7 monitoring — we deliver the full cycle, every time." GES ENERGY · EST. 2010

- Full EPC capability
  No third-party risk
- ISO 9001 · 14001 · 45001 · 27001
  Internationally certified
- Bulgaria & Romania
  Est. 2010 · 16 years

Full EPC Delivery Model

PV Utility · C&I · BESS · Engineering · Procurement · Construction · O&M · Maintenance

01



Engineering

Design · Electrical · Civil engineering

The design of a photovoltaic power plant is the foundation for trouble-free operation. Correctly set initial parameters minimize risks of damage, while a well-crafted technical project ensures maximum efficiency and long-term asset management

PV Utility · C&I · BESS

02

Procurement

Sourcing · Logistics · Quality control

We maintain long-term partnerships with leading equipment manufacturers worldwide. Our extensive supplier network enables us to provide long-term warranties on all integrated products.

PV Utility · C&I · BESS



03



Construction

Civil works · Electrical · Supervision

Our team of specialists, together with the mechanization at our disposal, is ready to build on time any photovoltaic project in the country and abroad. Our project managers strictly monitor the implementation of every single aspect of the project and are a guarantor of the highest quality of work.

PV Utility · C&I · BESS

04

O & M

Operations · 24/7 SCADA · EMS

Our O&M teams deliver predictive and corrective maintenance, performance reporting, and rapid on-site response — ensuring maximum energy yield and asset longevity throughout the plant lifetime.

PV Utility · C&I · BESS



05



Maintenance

Preventive · Emergency · Scheduled

Our preventive and scheduled maintenance ensures long service life and reduces costs, while rapid emergency response keeps your photovoltaic system operating reliably. Regular inspections, testing, and timely repairs guarantee optimal performance and system longevity.

PV Utility · C&I · BESS

- Full EPC capability — No third-party risk
- ISO 9001 · 14001 · 45001 · 27001 — Internationally certified
- Bulgaria & Romania — Est. 2010 · 16 years

Technical & Operational Capacity

BUILT TO DELIVER AT SCALE

GES Energy combines in-house engineering expertise, a large skilled workforce, and an established subcontractor network to ensure efficient and scalable project execution. This structure allows the company to mobilize resources quickly, adapt to project requirements, and maintain full control over construction timelines and quality.

25+

Engineers

In-house engineering capacity across electrical, mechanical, and geodetic management disciplines.

60+

Skilled Workers

Electrical, mechanical, civil and other specialist operatives deployed across active project sites.

8+

Subcontractors

Vetted partner companies providing an on-demand workforce of over 500 qualified personnel.

Own

Machinery Fleet

Proprietary equipment fleet enabling rapid mobilisation and full operational independence.

OWN MACHINERY FLEET



Pile-driving machine Turchi 300F

Heavy earthworks, cable trenching and foundation excavation.



Pile-driving machine Orteco 1000 HD

Panel and equipment lifting, material handling on site.



Crawler Excavator DX210LC-7

Solar mounting post installation on every PV project.



Construction Telehandler T40.180 SLP

Land clearing, mass earthworks and site levelling.



Wheel Loader DOOSAN DL250-7

MV/LV cable trench cutting for all grid connection works.



Mini Excavator Yanmar VIO 26-6 CR

Heavy lifts for transformer and substation erection.



Excavator Caterpillar 428E 4x4

Internal road compaction and ground preparation.

5+

More in our operational fleet

Extensive fleet of machines available to support all project requirements

- Full EPC capability — No third-party risk
- ISO 9001 · 14001 · 45001 · 27001 — Internationally certified
- Bulgaria & Romania — Est. 2010 · 16 years

Section 1

Our Expertise

GES Energy focuses on the delivery of utility-scale and C&I renewable energy projects, combining photovoltaic expertise with advanced BESS capabilities. The company also supports a broader range of energy and construction services.

THIS SECTION COVERS

Utility-scale Projects

Large-scale PV · Flagship projects · Case Studies

C&I Projects

Commercial and industrial installations

Battery Energy Storage (BESS)

Integrated storage solutions and system design

Additional Capabilities

Infrastructure · Buildings · Hydropower · EV

Utility-Scale EPC Capacity

GES Energy has delivered **110+ MWp of utility-scale solar** across Bulgaria and Romania — entirely self-performed, with no subcontracted EPC risk on any critical path. All project phases, from design through energisation, are executed by in-house teams under **a single contract and a single point of accountability**.

This structure eliminates interface risk, reduces coordination delays, and enables predictable execution on complex utility-scale projects — ensuring consistent performance, controlled timelines, and bankable delivery standards.

DELIVERY TRACK RECORD

110+ MWp	60 + MWp	320+ MWh	120+	16 yrs
Full EPC	**PV Utility and C&I**	**BESS pipeline**	**Projects delivered**	**EPC experience**
Utility-scale PV · BG & RO	In construction or design	In construction or design	Across two markets	Est. 2010 · Active pipeline

WHY GES — STRUCTURAL ADVANTAGES

Full in-house EPC — zero subcontracted risk

Civil, electrical, and commissioning all performed by own teams. No third-party risk on the critical path — one contract, one team, one point of accountability from groundbreak to energisation. No margin leakage to subcontractors on scope the client is paying GES to deliver.

Integrated PV + BESS under one EPC contract

Rare capability to deliver hybrid projects — PV generation and battery storage designed, built, and commissioned under a single EPC scope. No interface risk between separate contractors and no coordination delays at the PV-BESS boundary that routinely cause schedule overruns.

Deep regional grid & permitting expertise

Proven navigation of European grid codes, TSO interconnection requirements, and permitting timelines. No learning curve on the regulatory environment that consistently delays foreign contractors entering the market for the first time.

100% owned machinery fleet — zero equipment dependency

All construction equipment is fully owned and operated by GES-trained crews, enabling immediate mobilisation and full control over site execution. Eliminating third-party plant dependency reduces scheduling risk, avoids cost escalation, and ensures consistent quality and productivity across all project phases.

Full EPC capability	ISO 9001 · 14001 · 45001 · 27001	Bulgaria & Romania
No third-party risk	Internationally certified	Est. 2010 · 16 years

Utility Scale Flagship Projects

Bulgaria

BG · 120+ projects

96
MWp installed

Romania

RO · 3 projects

15
MWp installed



Balchik

Location	Balchik, Eastern Bulgaria
Construction	2022
Role of GES	Full EPC
Power	1,000 kWp



Salcuta

Location	Salcuta, Romania
Construction	2013
Role of GES	Full EPC
Power	5,000 kWp



Yerusalimovo

Location	Yerusalimovo, Stara Zagora
Construction	2012
Role of GES	Full EPC
Power	5,100 kWp



Vieru

Location	Vieru, Romania
Construction	2013
Role of GES	Full EPC
Power	7,200 kWp

EXPLORE OUR PORTFOLIO →

- Full EPC capability — No third-party risk
- ISO 9001 · 14001 · 45001 · 27001 — Internationally certified
- Bulgaria & Romania — Est. 2010 · 16 years

CASE STUDY

Mokresh Utility PV

Operational from 21.10.2010 · NW Bulgaria · Lat. 43°27'N, Long. 23°11'E



Aerial view · 7.3 ha · 4,000 kWp installed capacity

4,200 kWp	7.3 ha	2010	20 kV
Installed capacity	Total plot size	Year operational	Grid connection

SITE & BACKGROUND

Mokresh is our first project, marking the starting point of our mission to advance clean energy and build a more sustainable future. The site was assigned by Helios Power following a detailed preliminary study conducted by Prof. Vitanov and Prof. Tyutyungiev from the Central Lab of Solar Energy and New Energy Sources at the Bulgarian Academy of Sciences (CLSENES at BAS).

The site is located in the village outskirts, partly bordering agricultural land and farm facilities — flat, perfectly oriented to North–South, with independent infrastructure and road access available.

TECHNICAL EQUIPMENT

Equipment provider

Mitsubishi International Corporation

PV modules

Hyundai HIS (3,000 kWp) + CEEG CSUN 240-60P (1,000 kWp)

Inverters

TMEIC 3 × 1,000 kWp · SMA 1,000 kWp

Support structure

Fixed type — Sadef Belgium · Corus UK

Financing

Long-term bank loan facility

Full EPC capability	ISO 9001 · 14001 · 45001 · 27001	Bulgaria & Romania
No third-party risk	Internationally certified	Est. 2010 · 16 years

C & I Flagship Projects

Bulgaria

BG · 120+ projects

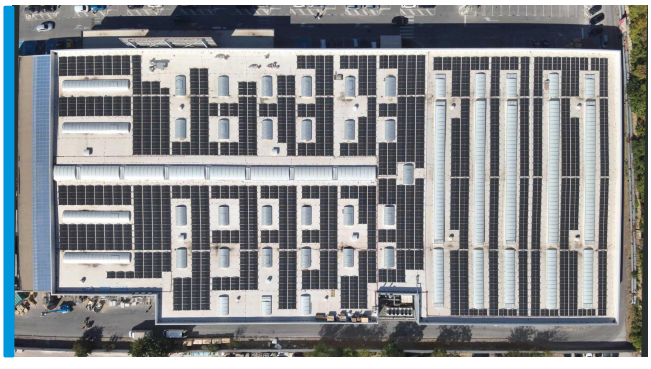
96

MWp installed



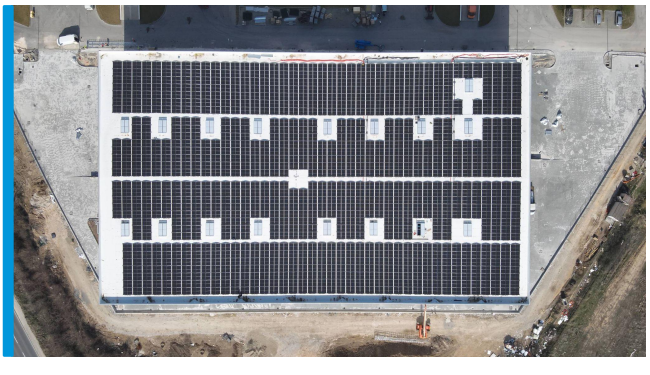
Gara Elin Pelin

Location	Sofia, Bulgaria
Construction	2022
Role of GES	Full EPC
Power	2,671 kWp
Modules	JinKO 535 Wp
Inverters	Huawei SUN2000-100KTL



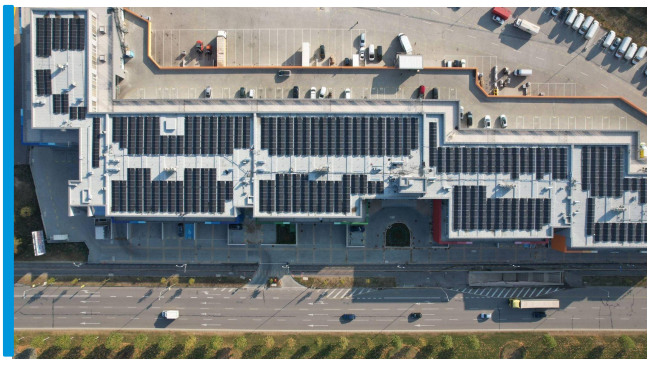
Plovdiv, Bulgaria

Location	Plovdiv, Central Bulgaria
Construction	2025
Role of GES	Full EPC
Power	950 kWp
Modules	Jinko Solar 445 Wp N-type
Inverters	Huawei SUN2000-115KTL



Benkovski, Bulgaria

Location	Sofia, Bulgaria
Construction	2023
Role of GES	Full EPC
Power	1,000 kWp
Modules	JinKO 440 N-type
Inverters	Huawei SUN2000-115KTL



Sofia, Bulgaria

Location	Sofia, Bulgaria
Construction	2022
Role of GES	Full EPC
Power	721 kWp
Modules	JinKO 460 Wp
Inverters	Huawei SUN2000-60KTL

EXPLORE OUR PORTFOLIO →

- Full EPC capability — No third-party risk
- ISO 9001 · 14001 · 45001 · 27001 — Internationally certified
- Bulgaria & Romania — Est. 2010 · 16 years

Battery Energy Storage

GES Energy · 2,3 GWh Pipeline · 400 MWh Largest Project · Full BESS EPC

GES Energy delivers **complete BESS solutions** — from initial feasibility and system architecture through full EPC delivery and long-term 24/7 monitored O&M. As a natural extension of our solar EPC expertise, battery storage is a **fully integrated service**, with a 2,3 GWh active design pipeline, a 100 MW / 400 MWh flagship project in Targovishte, Bulgaria, and a repeatable 10 MW / 40 MWh standard format deployed across multiple sites.

2,3 GWh	400 MWh	10 MW	24/7
Active design pipeline	**Largest single project**	**Standard unit format**	**SCADA monitoring, EMS**
1,3 GWh technical · 1 GWh concept	400 MWh · Targovishte, BG	40 MWh · Repeatable design	Remote · real-time · predictive

FLAGSHIP BESS PROJECTS

10 MW / 40 MWh

Standard format

Repeatable design · Multiple sites

100 MW / 400 MWh

Largest project designed

Technical design · Targovishte, BG

Case Study Targovishte

TARGOVISHTE · 100 MW/400 MWh

BESS-ready from day one

GES Energy is advancing the Targovishte BESS project (100 MW / 400 MWh), demonstrating its capability to deliver battery energy storage solutions. Having successfully completed the engineering phase, the project is currently under active development.

Building on extensive experience of over 2.3 GWh in battery energy storage systems, GES Energy brings expertise that exceeds the scale of this project. The integration of advanced SCADA systems ensures full operational visibility and seamless adaptation to grid operator requirements from the very start of commissioning.

✓ Frequency regulation ✓ PPA optimisation ✓ EPRA compliance

Additional Capabilities

beyond solar · hydropower · construction · electromobility

EPC expertise is at the core of GES Energy's operations, built on years of delivering utility-scale energy projects through a fully integrated, in-house execution model. This capability extends beyond solar and battery storage into hydropower, civil and structural construction, and electromobility, enabling the delivery of complex, multi-disciplinary infrastructure under a single contract.

All activities are executed by GES engineering teams, workforce, and owned machinery, ensuring full control over quality, timelines, and site coordination. This integrated approach allows GES to apply the same proven delivery standards across a broader range of energy and construction projects — maintaining consistency, reducing execution risk, and ensuring reliable outcomes across all sectors.

THREE ADDITIONAL SERVICE AREAS — ALL FULLY IN-HOUSE · ALL EPC-CAPABLE

Hydroelectric Power Plants

RUN-OF-RIVER · RESERVOIR

- **Feasibility & Design**
  Hydrological studies, civil & electrical engineering, regulatory permitting and environmental assessments.
- **Civil Construction**
  Dam structures, intake works, penstocks and powerhouse construction using own mechanisation fleet.
- **Electro-Mechanical**
  Turbine & generator supply, control systems, switchgear, transformers and grid connection works.
- **24/7 SCADA & O&M**
  Remote monitoring, predictive maintenance and optimised dispatch for maximum annual energy yield.

Construction Services

BUILDING · CIVIL · INFRASTRUCTURE

- **Building Works**
  Substation buildings, O&M facilities, BESS container bases, security fencing and perimeter works.
- **Civil & Road Infrastructure**
  Execution of earthworks, road formation and paving, stormwater drainage, and utility trenching works.
- **Own Mechanisation Fleet**
  7+ machine types fully operated by GES crews — no subcontracting risk, full schedule certainty.
- **ISO Certified Works**
  ISO 9001 · 14001 · 45001, 27001 quality, environmental and safety standards on every construction task.

Electromobility

EV CHARGING · END-TO-END EPC

- **Design & Installation**
  AC/DC chargers from 7 kW wallboxes to 150+ kW fast-charge stations — full civil and electrical scope.
- **Solar + EV Integration**
  On-site PV with BESS for self-sufficient charging hubs — zero grid dependency option available.
- **Fleet & Public Networks**
  Corporate depots, parking facilities and highway corridors — turnkey network rollout and commissioning.
- **Network Management & O&M**
  OCPP back-office, real-time monitoring, dynamic load balancing, billing and rapid response support.

Full EPC capability
No third-party risk

ISO 9001 · 14001 · 45001 · 27001
Internationally certified

Bulgaria & Romania
Est. 2010 · 16 years

Section 2

How We Deliver

GES Energy's execution capability is built on **16 years of in-house delivery** — from engineering and design through construction, commissioning and long-term operations. Every project is managed end-to-end with our own teams, machinery and SCADA infrastructure.

THIS SECTION COVERS

Design & Engineering

Key metrics · full design lifecycle · ISO-certified deliverables

Operations & Maintenance

24/7 dispatch centre · remote monitoring · performance reliability

Full EPC capability
No third-party risk

ISO 9001 · 14001 · 45001 · 27001
Internationally certified

Bulgaria & Romania
Est. 2010 · 16 years

Design & Engineering Capacity

GES Energy · Solar PV & BESS · Full Design Scope

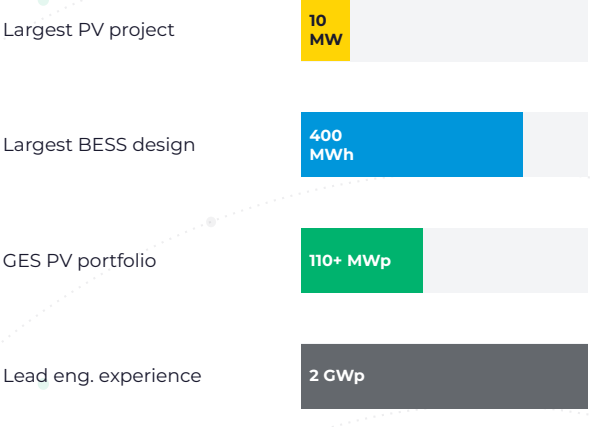
01	02	03	04	05
Feasibility & Site Analysis	**Concept Design**	**Technical Design**	**Procurement & Spec**	**Construction & O&M**
Irradiance studies, yield modelling, shadow analysis & grid assessment	Layout optimisation, equipment pre-selection, single-line diagrams & BoQ	Full electrical & civil drawings, HV/MV, BESS integration & protection	Tier-1 specs, RFQs, vendor evaluation & bankable lender documentation	Technical oversight, commissioning, SCADA integration & monitoring

GES Energy's engineering team **covers the complete project lifecycle** — from feasibility and irradiance modelling through full technical design, HV/MV network engineering, battery storage integration, and long-term SCADA-monitored O&M. Every deliverable is produced under **ISO 9001, 14001, 45001 and 27001** certified quality management systems, ensuring audit-ready, bankable documentation aligned with international lender standards.

PORTFOLIO AT A GLANCE

110+	2,3 GWh	60+ MWp 320 MWh
MW Solar PV	**Battery Storage**	**PV + BESS Active**
Designed & delivered	In design pipeline	Current projects

DESIGN SCALE



The 40 MW Maingi scope sits well within GES's proven design envelope.

TECHNICAL CAPABILITY

- **Full electrical & civil design**
  HV/MV networks, substation, grid connection & civil works
- **Energy yield & feasibility**
  PVSyst modelling, shadow analysis, irradiance & performance ratio
- **BESS integration design**
  Battery systems, DC coupling, inverter selection & protection
- **Compliance & permitting**
  ISO 9001/14001/45001/27001 · EU grid codes · permitting

BATTERY STORAGE — KEY PROJECTS

400 MWh	10 MW
Targovishte, BG	**Standard format**
400 MWh · Largest technical design	40 MWh · Repeatable design format

Why GES engineering is ready

GES Energy is engineering-ready, with a team experienced across utility-scale and C&I projects, applying a proven, repeatable methodology from feasibility to detailed design to ensure consistent, efficient, and low-risk delivery. GES Energy follows ISO-certified processes to deliver high-quality, bankable documentation. This structured and experienced approach enables us to mobilize quickly and deliver reliable, bankable solutions across a wide range of energy projects.

✓ PPA-bankable design ✓ 3–10 month delivery ✓ Grid-ready MV works

- Full EPC capability
  No third-party risk
- ISO 9001 · 14001 · 45001 · 27001
  Internationally certified
- Bulgaria & Romania
  Est. 2010

Operations & Maintenance (O&M)

GES Energy · 24/7 Dispatch Centre · SCADA Monitoring · 80+ MWp Under Management

O&M AT A GLANCE

80+	24/7	99.8%	<2h
MWp Managed	**Dispatch Coverage**	**Availability Target**	**Incident Response**
Active O&M portfolio	Remote & on-site response	Guaranteed Availability	<2h On-site Response

GES Energy operates a **24/7 remote dispatch centre** with full SCADA integration across all managed assets. Our O&M teams deliver predictive and corrective maintenance, performance reporting, and rapid on-site response — ensuring **maximum energy yield** and asset longevity throughout the plant lifetime. All operations are conducted under our ISO-certified quality management framework.

O&M SERVICES

Remote SCADA Monitoring
Real-time performance tracking, alarm management and automated fault detection across all sites from a centralised control room

Preventive Maintenance
Scheduled inspections, panel cleaning, inverter servicing and electrical testing to maintain peak performance

Corrective Maintenance & Dispatch
24/7 on-call teams deployed for fault clearance, equipment replacement and emergency grid events

Performance Reporting
Monthly and annual yield reports, performance ratio analysis and lender/investor-ready documentation

BESS O&M
Battery health monitoring, thermal management and dispatch optimisation for storage assets

24/7 DISPATCH CENTRE



DISPATCH CENTRE CAPABILITY

Coverage	24 / 7 / 365
Sites monitored	80+ active sites
Platform	SCADA + proprietary portal
On-site response	<2h SLA

✓ ISO certified · ✓ SCADA integrated · ✓ Lender reporting · ✓ BG & RO coverage

Internationally certified

Certifications

RECOGNISED FOR QUALITY, SAFETY AND SUSTAINABILITY

ISO 9001

Quality Management

Demonstrates dedication to maintaining a robust quality management system, ensuring consistency and customer satisfaction in every project.

ISO 14001

Environmental Management

Reflects commitment to environmental sustainability by effectively managing our environmental impact and promoting responsible resource use.

ISO 45001

Occupational Health & Safety

Certifies our focus on occupational health and safety, safeguarding our employees and ensuring a secure working environment across all sites.

ISO 27001

Information Security Management

Ensures the protection of sensitive information through structured security processes, safeguarding data integrity, confidentiality, and resilience across all operations.

All ISO certifications are globally recognised benchmarks that independently verify GES Energy's commitment to operational excellence, environmental responsibility, and employee welfare.

- Full EPC capability — No third-party risk
- ISO 9001 · 14001 · 45001 · 27001 — Internationally certified
- Bulgaria & Romania — Est. 2010 · 16 years

GES EPC Crew in the Field

FULL EPC · 2025

BORNAREVO · 2000 KWP · BULGARIA






FULL EPC · 2025

PLOVDIV · 950 KWP · BULGARIA





FULL EPC · 2026

Ō&M · GES ENERGY HEADQUARTERS · DISPATCH CENTER





- Full EPC capability
  No third-party risk
- ISO 9001 · 14001 · 45001 · 27001
  Internationally certified
- Bulgaria & Romania
  Est. 2010 · 16 years