

goldbecksolar



**OUR SOLUTION FOR  
ENERGY STORAGE SYSTEMS**

# GOLDBECK SOLAR – A PIONEER FOR A SUSTAINABLE ENERGY FUTURE

**Since its founding in 2001, GOLDBECK SOLAR has stood for technical innovation and progress in the solar industry.** With over 24 years of experience in developing efficient energy concepts, we supply customers around the world with clean, sustainable energy.

Customer satisfaction is our driving force. Across the entire value chain – from development and construction to technical operation, asset management, and the direct sale of clean energy – we are your reliable partner. We are your gateway to renewable energy.

## Our World – Our Responsibility

Sustainability is deeply embedded in our company's DNA. We are committed to balancing economic, social, and environmental considerations. Whether in our services or in the construction of solar plants and battery energy storage systems (BESS), we focus on responsible resource use, environmental protection, and the promotion of biodiversity.

Generating affordable, carbon-neutral electricity through photovoltaics is a key building block in the transformation toward a sustainable society. Together with our business partners, we take responsibility, conserve resources, protect the environment, and preserve biodiversity – with tangible projects that make a real difference.







# OUR ENERGY STORAGE SOLUTION

We firmly believe that a complete transition to renewable energy can only succeed with intelligent integration between energy production and consumption. This ensures that electricity is available precisely when it is needed. Battery technology is not only economically attractive but also technically proven – making it ideal for large-scale implementation today.

GOLDBECK SOLAR has been a market leader in turnkey construction of large industrial solar plants for over two decades. Our battery energy storage systems are equally well thought out, cost-effective, and tailored to meet the individual needs of our customers – a future-ready recipe for success!

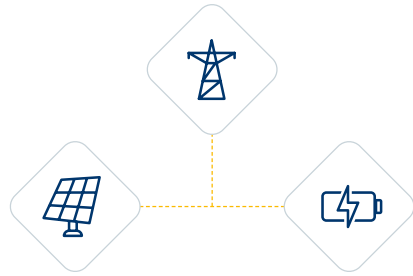
## Benefits for You and the Planet

Battery energy storage systems are key enablers of the energy transition. Their flexibility helps stabilize the grid and enables the integration of more renewable energy. They can be installed at scale and offer numerous advantages:

- BESS can balance the grid in real time and prevent power outages, making it easier to integrate renewables while reducing the need for investment in fossil fuel infrastructure.
- Improved economics for renewable energy and reduced stress on local grids.
- Green energy available around the clock.
- Significantly lower electricity costs for industrial users.
- Balancing of RES or retail portfolios.

## We Offer the Following Battery Storage Models:

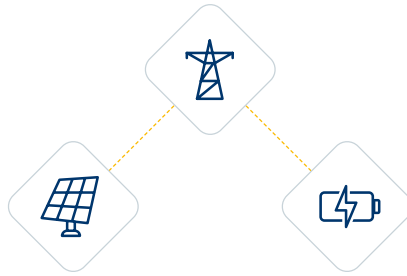
DC-coupled location



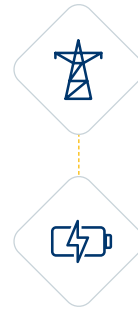
### BESS Combined with Photovoltaics

Combining BESS with solar projects leverages the strengths of both technologies by storing surplus energy produced during peak times for later use. This ensures a stable and reliable energy supply while enhancing grid stability. By integrating BESS with solar energy, we create an efficient and sustainable energy ecosystem that delivers financial and environmental benefits and promotes clean energy solutions.

AC-coupled location



Stand-Alone Location



### Standalone BESS

Standalone battery energy storage systems help relieve pressure on power grids while maintaining high economic viability and flexibility.

## From Development to Operation

GOLDBECK SOLAR manages the planning, procurement, and implementation of your battery energy storage system. From project development and sourcing materials and services to full realization, we are your partner every step of the way.

# 01

### Site Evaluation & Development

We analyze sites for suitability, assess permitting requirements, and evaluate financial viability:

- Site identification, inspection, and assessment
- Grid connection inquiry
- Initial design and technical pre-planning
- Securing building permits
- Grid connection planning, routing

# 02

### Construction Phase

We source the necessary components, design and construct the BESS, and connect it to the grid:

- Detailed and execution planning, followed by procurement
- Construction
- Grid connection and commissioning

# 03

### Maintenance

We ensure long-term system reliability with our maintenance and servicing solutions:

- Maintenance & repair
- Technical operation management

## Your Benefits with GOLDBECK SOLAR

At GOLDBECK SOLAR, we support our customers at every step toward renewable energy. Together, we plan and implement your battery energy storage system, offering turnkey solutions tailored to your needs. We guarantee a structured and optimized process, with your satisfaction at the core of our daily work – grounded in our core company values.



## What You Can Rely On:

### ■ Highest Quality:

Our technical and organizational expertise in renewable energy, combined with a passion for what we do, sets new industry standards.

### ■ Deep Understanding of the Energy Sector:

Our team brings extensive market knowledge and decades of experience. With our international presence, we combine global expertise with local know-how to implement tailored solar solutions – perfectly aligned with market-specific demands.

### ■ Long-Term Partnership:

We build lasting, trust-based relationships that go beyond individual projects. Our aim is to create stable, long-term collaborations built on reliability, transparency, and shared value.

### ■ Decades of Proven Solar Expertise:

Our engineering team has over 20 years of experience in designing high-yield solar power plants. This expertise also extends to the development of BESS – delivering professional, high-quality products and services.

**Get in touch – we look forward to hearing from you!**

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