



INNOVATION MEETS WITH EXPERIENCE

2025

www.bsmenergy.com



Table of Contents

Welcome Message	01
About Company	02
Vision & Mission	03
Our Services	04
Project Experiences	10
References	12
Certificates	13
Get in Touch	14





Welcome **Message**

When I founded BSM Energy, my vision was to help steer the world toward a cleaner, more resilient energy landscape. Recognizing that the path from conventional fuel sources to fully renewable energy isn't a simple switch, we've focused on transitional solutions that bridge the gap. By investing in hybrid systems, advanced storage technologies, and adaptable infrastructure, we empower communities and industries to embrace cleaner power without compromising reliability, affordability, or performance.

CEO-Founder

As global energy demands evolve, so too must our approach. At BSM Energy, we combine strategic foresight with deep industry experience to identify opportunities for meaningful, incremental progress. By promoting transparency, nurturing strong partnerships, and continually refining our technological capabilities, we aim to make the journey toward renewable energy both practical and rewarding—proving that “Innovation Meets With Experience” isn't just a slogan, but a guiding principle that shapes every endeavor we undertake.

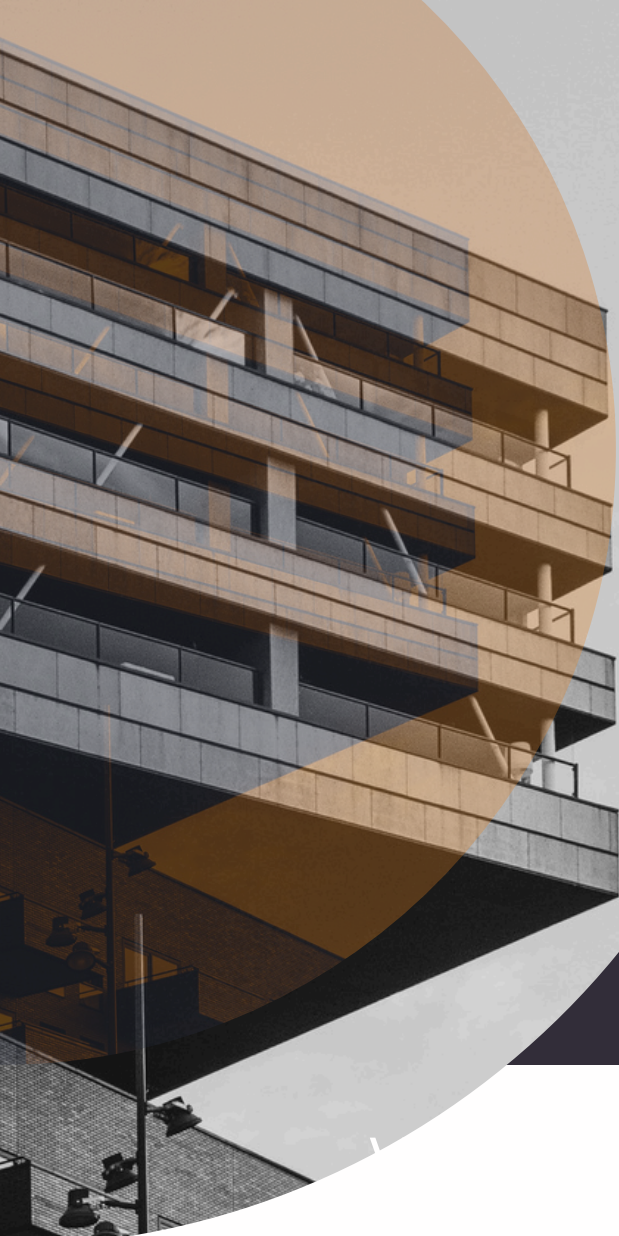


About Company

BSM Energy is a forward-thinking renewable energy company dedicated to accelerating the world's transition to cleaner power sources. Guided by our core belief that "Innovation Meets With Experience," we understand that the path to a fully renewable future involves carefully managed steps. Our approach emphasizes transitional phase solutions that balance the need for immediate progress with long-term sustainability.

We achieve this by integrating cutting-edge technologies — from hybrid solar and wind installations to advanced storage systems and intelligent grid management — into projects that serve both current needs and future demands. Each initiative reflects our unwavering commitment to environmental responsibility, economic viability, and community well-being. By fostering close collaboration with partners, maintaining transparent practices, and continually pushing the boundaries of what's possible, BSM Energy leads the way in building a dynamic, adaptable energy ecosystem that empowers today and inspires tomorrow.

As we continue to expand our global footprint, our seasoned experts and dedicated teams remain focused on delivering reliable, high-quality renewable energy solutions. Through ongoing research and development, strategic alliances, and a commitment to local engagement, we aim to transform diverse markets and regions. This global perspective not only enables us to address the complex challenges of the energy transition but also positions BSM Energy as a catalyst for a cleaner, more resilient world — one innovative project at a time.



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Empowering the global energy landscape, we blend innovation with experience to seamlessly guide communities through the transition to a sustainable, renewable future.



Vision & Mission

Vision

We envision a world where clean, abundant, and sustainable energy is the norm — achieved by guiding our global community through carefully orchestrated transitional solutions that bridge conventional systems to tomorrow’s renewable power. By embracing cutting-edge technologies, fostering strategic collaborations, and upholding the principle that “Innovation Meets With Experience,” we aim to cultivate a resilient energy ecosystem that uplifts communities, protects the environment, and endures for generations to come.

Mission

Our mission is to accelerate the world’s transition toward renewable energy by delivering expertly designed, transitional-phase solutions tailored to evolving market needs and environmental imperatives. Through rigorous research, unwavering commitment to quality, and transparent stakeholder engagement, we strive to integrate advanced renewable technologies, enhance energy accessibility, and foster long-term value creation — ensuring that clean, reliable power becomes not just a goal, but a global standard.

Our Service

We are pleased to bring our experience and expertise to your projects in the energy sector, delivering efficient, sustainable, and cost-effective solutions. Our goal is to turn every project into a success story that provides genuine added value for our clients.



Consultancy

With our extensive experience and innovative approach in the energy sector, we provide consultancy services that add value at every stage of your projects. Our areas of expertise span all critical aspects of the energy industry, offering tailored solutions for your needs.

LNG to Power

We provide LNG-to-Power solutions that deliver reliable, efficient, and cleaner energy through advanced regasification and power generation technologies.



Construction

We offer construction services to ensure that your energy projects are executed efficiently, safely, and in compliance with design and quality standards. Our expertise covers every stage of construction, from initial groundwork to final commissioning.

Project Management

The complexity and high costs of energy sector projects make effective project management essential. From inception to completion, we provide Project Management Services to ensure timely, cost-effective, and high-quality project delivery.



Engineering & Design

We provide comprehensive engineering and project design services tailored to the needs of the energy sector. From conceptual design to implementation, we ensure that every phase of your project meets the highest technical and industry standards.

Commissioning

We provide end-to-end supervision, commissioning, and start-up services to ensure your energy projects are operationally efficient, reliable, and aligned with design specifications. Our goal is to achieve seamless project handover and successful operational performance.





Consultancy

Renewable and Transition Conventional Energy Facilities

From solar, wind, hydroelectric, and biomass projects to natural gas, LNG and thermal power plants, we deliver technical and strategic support across a broad spectrum of energy solutions.

Substations and Transmission Lines

We provide expertise in designing, engineering, and commissioning energy transmission infrastructure.

Owner's Engineering

We provide project oversight and technical expertise to ensure high-quality execution and interdisciplinary coordination, supporting seamless delivery and strategic goals.

Electrical Projects

We offer professional consultancy services during project development, technical feasibility, design, and implementation phases.

PPA and IPP Advisory

Our strategic support in drafting and negotiating energy purchase agreements helps safeguard our clients' long-term interests.

Energy Investments

We provide comprehensive services in feasibility studies, risk analysis, financial evaluation, and regulatory compliance throughout the investment process.





LNG-to-Power

Transition to Green Energy

We provide advanced LNG-to-Power solutions, combining reliable and efficient energy production with a focus on sustainability. By utilizing LNG as a cleaner alternative and enabling future integration with green fuels like hydrogen, we support the global transition to a carbon-neutral energy landscape.

LNG Conversion

We provide leading solutions for LNG, from small-scale truck-mounted to large-scale regasification systems, together with auxiliary requirements like heaters, pressure let-down skids, compressors, etc.

Marine Works

We provide engineering and consultancy services for offshore mooring, maneuvering works regarding STS operations of FSRU's and powerplants.

System Integration

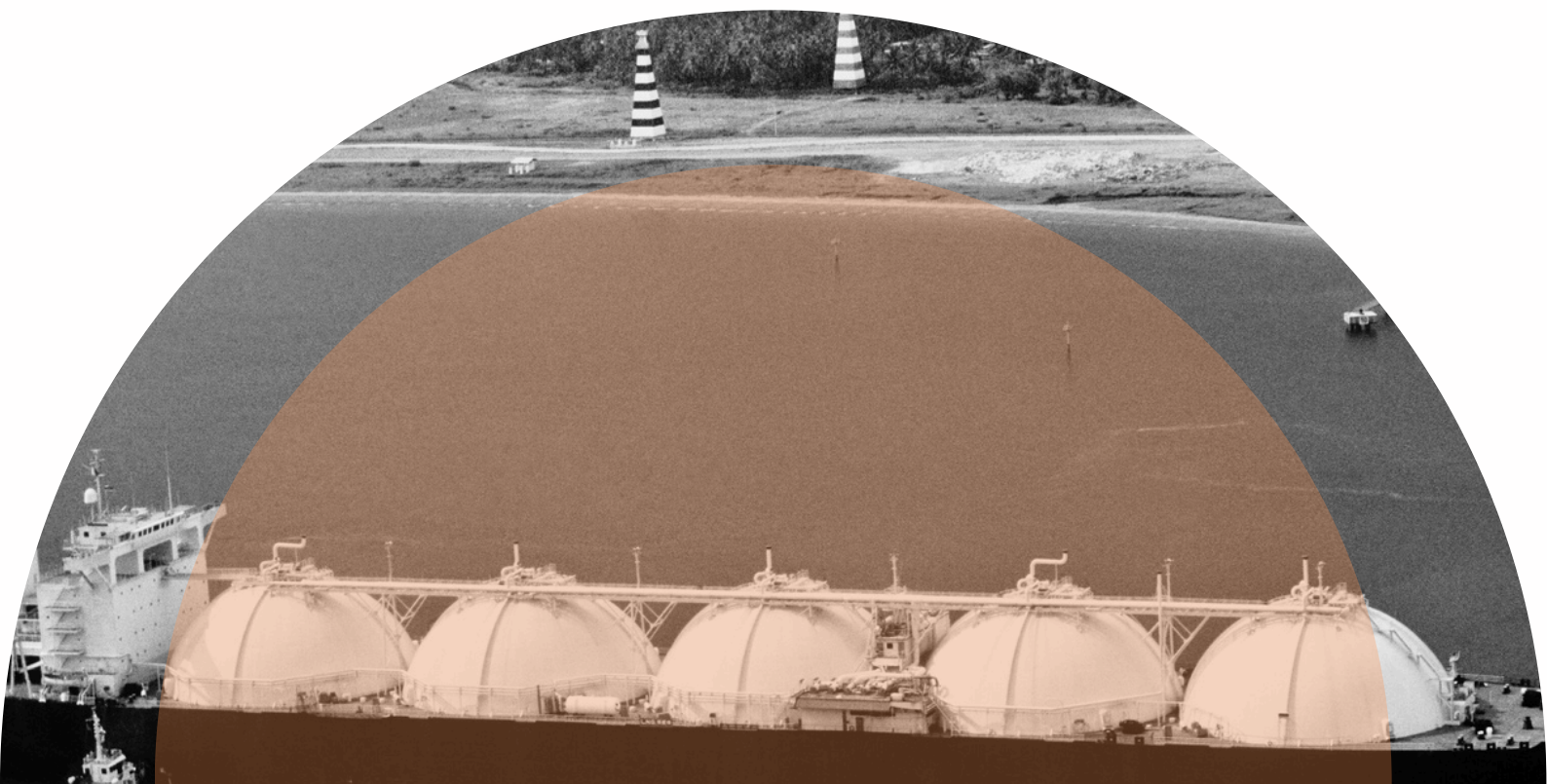
We offer professional consultancy services to ensure the robustness of the system design of Gas-Fired Power Plants and ensure maximum integrity and reliability.

Full Fledged Project Development

We offer consultancy and engineering services for developing a project from the initial phase until commercial operations are achieved.

Site Supervision

We provide the required expertise on-site to supervise site works and ensure the construction and implementation phases are successful.





Project Manangement

Project Planning and Scheduling

We analyze project requirements to plan scope, timeline, cost, and resources, and define key milestones. We can create comprehensive project schedules to identify critical paths of projects and create mitigation plans for possible slacks.

Tender and Contract Management

We support contractor selection, prepare tender documents, and assist in contract negotiations and management.

Project Execution Management

We oversee daily activities, ensuring on-site compliance and efficient resource utilization for every step of your project.

Cost Management and Reporting

We develop and monitor budgets, including both direct and indirect costs, providing transparent progress reports throughout the project.

Quality Control and Assurance

We establish quality standards, taking international standards into account, conduct inspections, and ensure proper documentation.

Project Delivery and Post-Completion Support

We manage commissioning, facilitate handovers, and offer operational support post-completion.





Construction

Installation

We bring your projects to life in full compliance with international standards, ensuring safety and efficiency. Our experienced team meticulously oversees every stage, delivering on time.

Site Management

We oversee daily construction activities, ensuring alignment with project plans and timelines that will cover every aspect of your project.

Quality Assurance

We monitor and inspect all construction phases to ensure adherence to technical specifications and industry standards

Health, Safety, and Environment (HSE)

We enforce strict safety protocols and environmental compliance throughout the construction process.

Progress Monitoring

We track and document project milestones, critical steps and providing regular updates to project owner.

Problem-Solving

We identify and address on-site challenges promptly to minimize delays and disruptions.





Engineering & Design

Conceptual Design

We develop innovative and efficient design solutions based on project-specific requirements and objectives.

Feasibility Studies

We evaluate technical, financial, and environmental aspects to ensure project viability and optimal resource utilization

Detailed Engineering

We create precise and tailored designs and technical documentation, including calculations, layouts, and specifications, ensuring seamless execution.

Regulatory Compliance

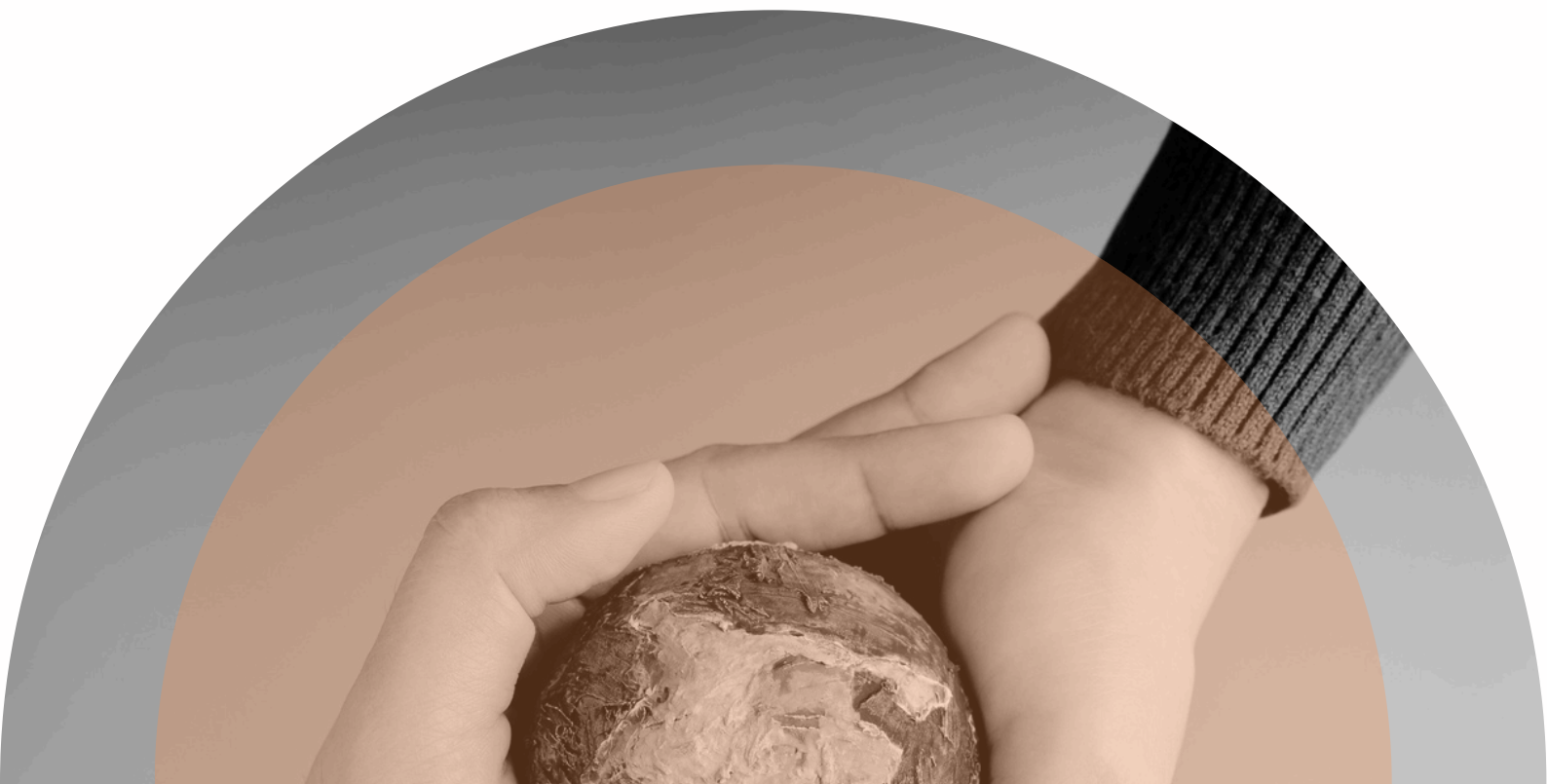
We ensure all designs and project plans adhere to relevant national and international standards and regulations.

Interdisciplinary Coordination

We integrate electrical, mechanical, and civil engineering aspects to deliver cohesive and efficient designs.

Licensed Applications

Your projects are prepared using fully licensed versions of leading design software, including AutoCAD, EPlan, SketchUp, PVCase, PVsyst, Skellion, DigSilent and MSProject.



Commissioning

Commissioning

We prepare and execute comprehensive commissioning plans, ensuring system readiness and functionality for operational use. Our team also directly performs commissioning activities, delivering a hands-on approach to guarantee optimal system performance and reliability.

Supervision

We oversee the implementation process, ensuring that construction and installations meet quality, safety, and technical requirements.

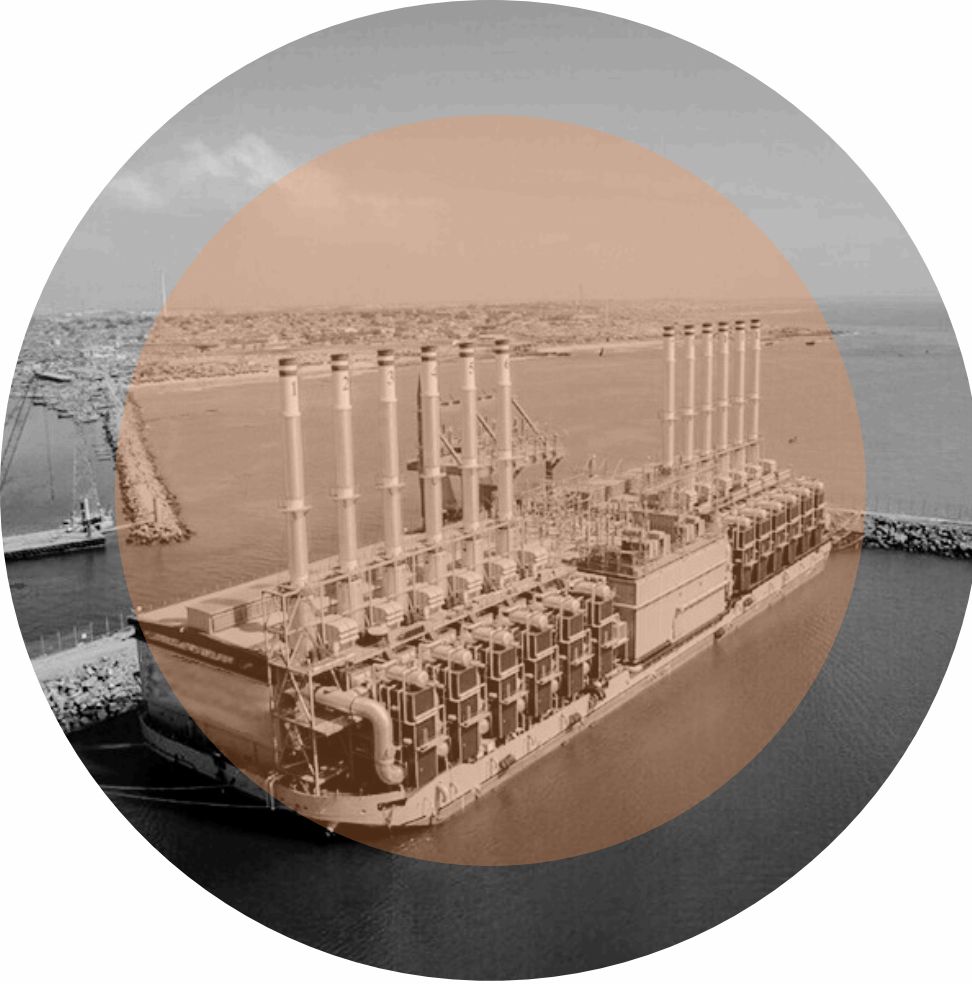
Testing

We conduct comprehensive performance and compliance tests on all systems and components to ensure they meet design and operational criteria.

Start-Up Support

We manage the transition from installation to full operational capacity, optimizing systems for peak performance.





FLOATING POWER PLANTS

- Electrical Design and Project
- Installation
- Commissioning
- Start-Up



Over 2,000 MW of experience in floating power plants, covering every phase from design through to handover, highlights our expertise in delivering innovative and reliable energy solutions tailored to meet diverse client needs.

Project Experiences

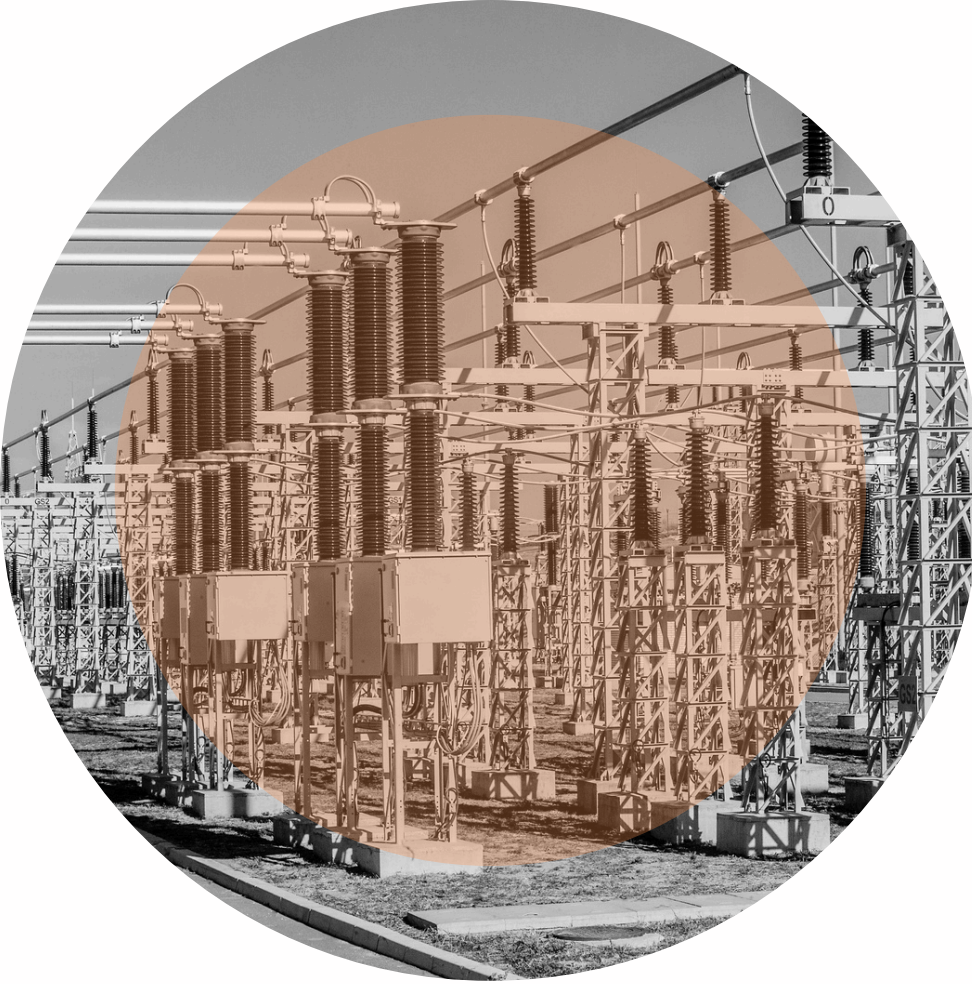
TRANSMISSION LINES

- Electrical Design and Project
- Procurement
- Logistics
- Site Manangement



- Over 500 km HV Overhead Line Construction
- Over 100 km MV Underground cable installation
- Site Feasibility for more than ten projects.





SUBSTATIONS

- Electrical Project
- Control & Protection Design
- Procurement
- Installation



- Design and Engineering of complete Substation for 154 kV.
- Preparation of a renovation project for a 121 kV Substation
- Calculation of Short Circuit Currents and equipment selection for tens of the Substation projects

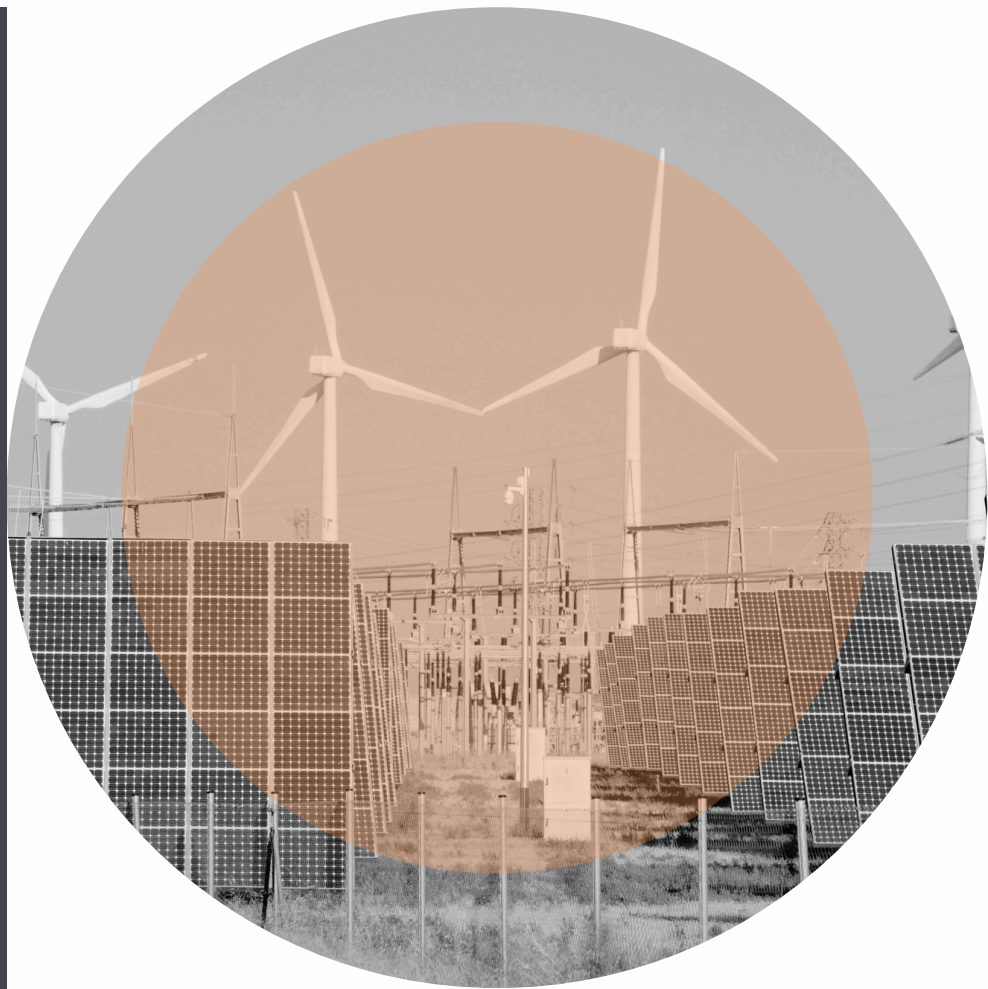
Project Experiences

RENEWABLE POWER PLANTS

- Electrical Design and Project
- EPC
- Installation
- Commissioning



- Full-fledged design of 75 MWp Solar Powerplant together with 35 MWh BESS.
- Full-fledged design of 13 MWp off-grid Solar Powerplant with BESS
- EPC contract for 30 MWp ground-mounted PV Powerplant





LNG-to-POWER

➤ Project Development

➤ Feasibility

➤ Supervising

➤ Consultancy



- Full-fledged project management of 140,000 cbm FSRU and 560 MW Power generation project.
- Owner's Engineer for Fuel Receiving Facility and FSRU Jetty.
- EPCM for 141,000 cbm FSRU offshore mooring works, including gas pipeline.

Project Experiences

OWNER'S ENGINEERING

➤ Electrical Analysis

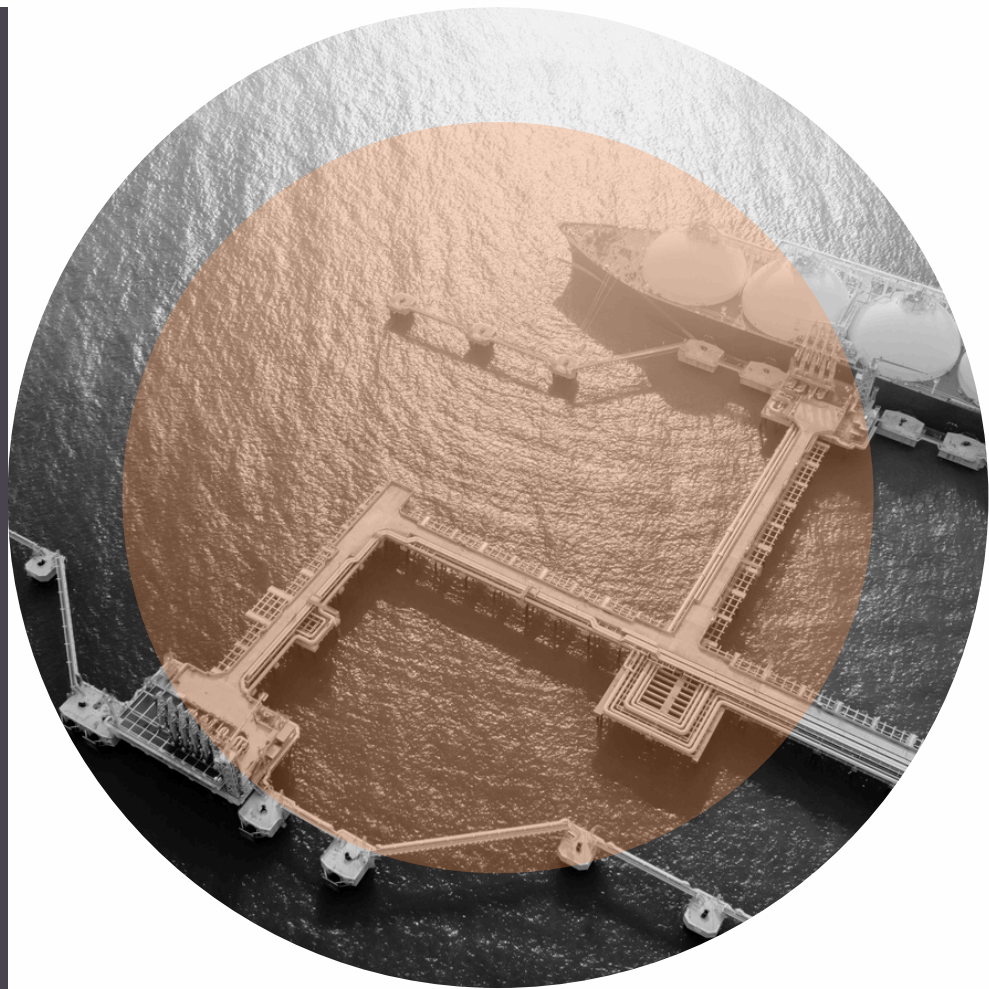
➤ Calculation Checks

➤ Compliance to Standards

➤ EPCM



- 600 MW Renewable Energy Owner's Engineering
- FSRU Jetty and Fuel Receiving Plant Owners Engineering
- EPCM works for a power plant construction contract of 50 M USD.



References

ENERJİ **SA** ÜRETİM

KARADENİZ HOLDİNG



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Certificates





BSM

E n e r g y S o l u t i o n s

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