

We energize society



SIEMENS
ENERGY

A world leader in energy



“Our innovative products support customers in transitioning to a more sustainable world”

Siemens Energy’s strategy is based on a strong and successful history of innovations that have shaped our industry for more than 150 years. This was driven by our people who made things happen, from the first dynamo (1866) to the first scalable high-voltage, direct-current transmission system (1975), and to the world’s most efficient combined-cycle power plant (2016). This can-do spirit has enabled us to energize societies and countries from the very beginning and will continue to serve us well as we strive towards a greener future.

The world is facing an ever-increasing need for energy and electricity to support economic development and ensure stability of societies. At the same time, the increasing speed of climate change urges us to satisfy this demand more sustainably with the clear target of achieving carbon neutrality. As one-sixth of the world’s electricity is based on Siemens Energy products and technologies, we are uniquely positioned to support societies around the world in successfully tackling and overcoming the challenge of meeting the growing need for sustainable, reliable, and affordable energy.





Siemens Energy Denmark

– part of a global powerhouse

Siemens Energy is present in more than 90 countries and employs over 91,000 dedicated, passionate people. Siemens Energy has more than 130 years of history in Denmark and today employs approx. 100 employees in our two locations in Ballerup and Vejle. From there, we cover almost the entire energy value chain with our portfolio of products, solutions, and services – from power generation and transmission to storage. Our portfolio includes conventional and renewable energy technology, such as gas and steam turbines, hybrid power plants operated with hydrogen, power generators, and transformers as part of our high-voltage products portfolio. While the majority of products are delivered to customers abroad, everything is engineered and managed on-site in Denmark.

Our teams encompass the whole range from engineering, commercial and technical project management, and information technology such as control systems to sales and business development within our primary fields of work:

Generation

We provide products, solutions, and services for conventional power generation with high efficiencies. We reduce carbon emissions from existing assets and develop technologies that will be critical in the future for the decarbonization of power generation applications. As an example, we are developing our gas turbine portfolio to use hydrogen (H₂) and thereby enabling power generation without any CO₂ emissions. A key component in our future energy system in Denmark is large-scale industrial heat pumps. We are delivering heat pumps for the electrification of the Danish industry that use heat in production processes, as well as to the large Danish district heating system.

Industrial applications

We support our customers in oil & gas and other industries by providing safe, reliable, and highly efficient rotating, electrical,

automation, and digital products, solutions, and services. We are specialists in delivering compressors for myriad applications. Siemens Energy has over 1500 hydrogen compressors in operation, and we produce compressors that can be used for future carbon-capture applications where we store or use the CO₂ in Power-to-X solutions. The compressors can also be used to make LNG (Liquefied Natural Gas) or for pipelines like the Baltic Pipe connecting the European natural gas network with the natural gas-producing Danish and Norwegian fields.

Transmission

We partner with our customers to build and operate efficient grid infrastructures. We offer reliable products, solutions, and services improved with digital functions to meet the growing demand for sustainable electrification. We deliver the key components for the electrical high-voltage grid as part of the high-voltage transmission system that will be the backbone of the future energy system.

New energy business

We deliver some of the largest electrolyzers that generate “green” hydrogen from renewable energy. As first movers within the field – and with constant upscaling of our production capacities – we are supplying key components to the future Danish Power-to-X industry, which will contribute enormously to the global energy transition to a green tomorrow. The Danish parliament is planning that Denmark will have 6-8 GW of Power-to-X systems installed and in operation by 2030. Working at Siemens Energy in Denmark, you will be an active part of ensuring this success, and of our aims to supply the growing global market with innovation and highly efficient electrolyzer technology.

Become part of the energy transition



“It is our company’s people and culture that differentiate us in the market and make us successful”

Our behaviors



Focus on the customer

We listen to our customers and adapt our solutions and processes to fit their needs.



Decisively move forward

We move fast with simplicity, focus, and ownership for decisions, also under uncertain conditions.



Be open and inclusive

We listen respectfully to learn from others and leverage our differences to innovate for better solutions.



Build strong partnerships

We care for others and deliver on our promises to win trust from our colleagues, our customers, and our communities.



Scan the QR-code to meet Power Engineer Mike Gunner Bach



- Our aim is to be the preferred employer of choice in the energy industry by constantly supporting our employees' development to master the competencies needed for the future.
- We aspire to become the most inclusive and diverse workplace from which to engage in the energy transition.
- We develop competent, innovative employees that are driving the business transformation.

One of Siemens Energy Denmark's key assets is the skilled, creative, and highly committed employees. It is our people and culture that provide the strong foundation upon which we can lead the energy transition and make a difference for our customers, investors, suppliers, partners, employees, and society. That is why we prioritize activities to support employees' skills and commitment, and why we continuously implement measures to improve employees' health and job satisfaction, as well as professional and personal development.

As a global employer, we are committed to equality, inclusion, and diversity in all our teams. We believe that a culture based

on our fundamental values is key. At the same time, the digitalization of the workplace is changing the way we work and bringing forth new models of collaboration. We see this as a strong competitive advantage and a further opportunity to foster innovation, develop a future-ready workforce, and attract the best talent from around the world.

We want everyone to bring their whole self to work and reach their full potential. Therefore, we aim to create a workplace environment that is open to everybody regardless of their background, and we strive to offer our employees equal treatment in a non-discriminatory work setting.

Shaping a better tomorrow

Sustainability is at the core of our actions. We want to be the sustainability leader in our industry – and that includes the environment, social responsibility, and governance. We have declared that our activities will be guided by the United Nations’ 17 Sustainability Development Goals (SDGs), we actively support the targets of the Paris Agreement, and we are committed to the Ten Principles of the United Nations Global Compact and report annually on our progress. While we address all 17 SDGs, we specifically focus on five in which our efforts can have the biggest impact in shaping a better tomorrow:

- To achieve SDG 5 “Gender Equality”, we are striving to create equal opportunities, in the firm belief that not just our company, but society as a whole can benefit from inclusion and diversity.
- By providing reliable, cost-effective, and sustainable energy for our customers, we are contributing to SDG 7 “Affordable and Clean Energy”.
- We cover SDG 8 “Decent Work and Economic Growth” with the innovative power of our global operations, which stimulates economic development in many countries and creates decent, future-proof jobs.
- Meanwhile, our products, services, and solutions for decarbonizing energy systems worldwide contribute to SDG 9 “Industry, Innovation, and Infrastructure”.

- We enact SDG 13 “Climate Action” by helping our customers reduce greenhouse gas emissions and by working to become climate neutral in our own operations by 2030 at the latest.

Environmental-Social-Governance

To demonstrate our clear commitment to Environmental-Social-Governance (ESG), we have defined and communicated to our stakeholders five key targets:

- Climate neutral in own operations by 2030.
- 100% green electricity in our own power consumption by 2023.
- Gender diversity by having 25% women in top leadership positions by 2025 and 30% by 2030.
- Compliance policy of Zero Tolerance towards corruption, violations of the principle of fair competition, and other breaches of law.
- Safety leader in our industry through the activities launched within our “Zero Harm” program.

At Siemens Energy, we actively work with all 17 Sustainability Development Goals!





Scan the QR-code to meet
Head of Project Management
Panos Mavrikas



Global Center of Competence for offshore high-voltage systems

Our organization in Denmark has been selected as a global Center of Competence for deliveries of offshore high-voltage systems that make it possible to connect offshore wind farms to the onshore electric transmission system.

Some of the first offshore wind farm projects ever constructed were Danish wind farms, and our Danish organization has been involved since the very beginning. We therefore have huge leverage in knowledge from the many projects we have executed. In our Center of Competence, we utilize the combined experience of our team to provide system packages for offshore wind farm projects.

The deliveries are high-voltage switchgear, power transformers, shut reactors, control and protection technology, installed as a complete, integrated system on offshore transformer platforms. When dealing with large structures such as these, emphasis has always been on optimizing and reducing the weight and size of our equipment to a bare minimum,

while still maintaining a high degree of reliability and robustness for marine-grade environments with salty and humid air.

Our team is specialized in finding the most optimal solution for our customers and delivering complete packages, including managing the complex nature of interfaces between equipment on the offshore platforms, where cramped conditions is the norm. Throughout the last decade, we have gathered vast knowledge in the area and are now involved in projects globally – presently working with projects in the US, Germany, Poland, and the UK. Our customers are typically the owners of wind farms, shipyards, or EPCs that supply complete offshore transformer stations.

The offshore wind market is booming, and the outlook is brighter than ever before. With our Center of Competence, we ensure that we are at the forefront, that we can serve the rapid developments, and that we can continue to provide the best solutions for our customers.

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