Connecting generation – securing the grid

Today, tomorrow, together

In an increasingly decentralized energy network, power must be transmitted, for example, from offshore wind farms to consumers such as households or industrial infrastructure and plants.

Our people are committed to your success with technologies and solutions that cover the full lifecycle of your project – be it onshore or offshore. Let’s work together to create reliable, cost efficient and sustainable solutions with lasting impact!

Whatever your business is we’ll ensure the right connection.

Changing power generations
Renewables outspreading all other forms of generation worldwide

New Connections
Required for the decentralized energy market

New approach
Highly available, CO₂ reducing offshore connections

DC grid connections

If you want to…
• efficiently connect your offshore windfarm to the grid
• minimize losses over long distances
• benefit from a cost-efficient, easy-to-plan solution

Then we’ll...
• offer you our proven DC grid connection solutions
• enable HVDC connections with up to 1,200 MW @ 320 kV DC

AC grid connections

If you want to…
• drastically reduce the cost of your AC platform
• save a great deal of space and weight
• stay flexible when selecting your turbine type and provider

Then we’ll...
• offer you our proven OTM 400 – with cost savings of up to 40 percent
• reduce platform volume by up to 30 percent and weight by up to 33 percent

Oil and gas

If you want to…
• safeguard uninterrupted upstream operations
• increase the efficiency of your electricity supplies
• decarbonize your carbon assets

Then we’ll...
• support you with highly reliable power from shore
• increase your efficiency with combined cycle generation
• help you reduce your CO₂ and NOx footprints by 50 percent

siemens.com/gridaccess