

# Siemens Gamesa onshore technology



**SIEMENS** Gamesa  
RENEWABLE ENERGY



Siemens Gamesa,  
your technology partner



Siemens Gamesa offers tailored solutions for every project, adapting to diverse site conditions. Our commitment to continuous innovation and project-specific designs forms the core of our onshore product portfolio, establishing Siemens Gamesa as your experienced technology partner. With over 40 years of expertise, 148 GW installed, and over 92 GW maintained globally, we deliver cutting-edge turbine technology and comprehensive service solutions that maximize performance throughout the entire project lifecycle. By combining our advanced onshore products with proven service capabilities, we help reduce the Levelized Cost of Energy (LCoE) and ensure long-term value and returns for our customers.

# The suitable product for each project

Our onshore product portfolio is built on a range of advanced technological solutions, each designed to maximize performance and ensure full adaptability to project requirements and customer needs. Siemens Gamesa takes a tailored approach, offering expertise in geared and direct drive technologies to deliver the optimal solution for every wind farm.

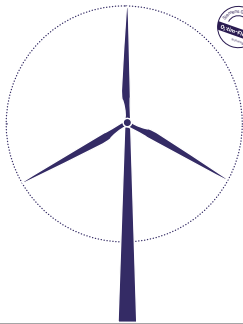
The hallmarks of Siemens Gamesa technology are reliability, robustness, and modular design, ensuring flexible adaptation and maximum energy production in any site and wind conditions.



# Geared + Doubly-Fed Induction Generator (DFIG)

Optimized for the most competitive LCoE

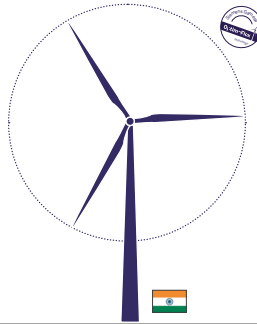
Siemens Gamesa's geared + DFIG wind turbines deliver outstanding efficiency and adaptability to diverse wind conditions. Designed to reduce LCoE and boost profitability, these turbines are versatile and flexible, streamlining logistics, construction, and service operations.



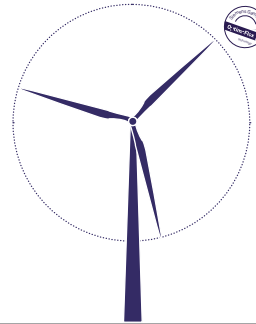
SG 7.0-170



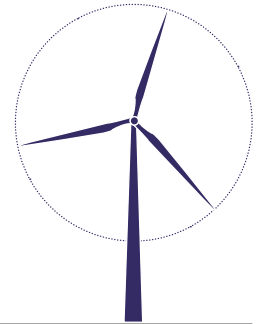
SG 5.0-145 (2.0)



SG 3.4-145



SG 3.4-132



SG 2.6-114

Wind class:  
Rating:

Medium  
Up to 7.0 MW

Medium  
4.0 MW - 5.2 MW

Low  
Up to 3.6 MW

Medium  
3.0 MW - 3.65 MW

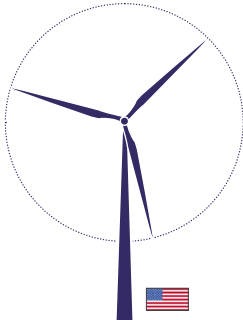
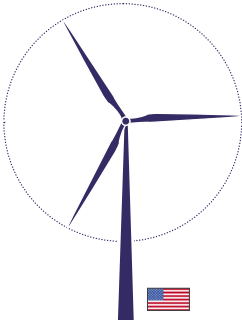
Medium  
2.625 MW

# Geared + Full Converter (FC)



Siemens Gamesa’s geared + full converter wind turbines are designed to maximize capacity factors across various wind and grid conditions. With their high flexibility and performance, these turbines are well-suited for capacity-limited projects across various sites.

Flexibility and performance



SG 5.2-165

SG 3.2-129

Wind class:  
Rating:

Medium  
4.4 MW - 5.2 MW

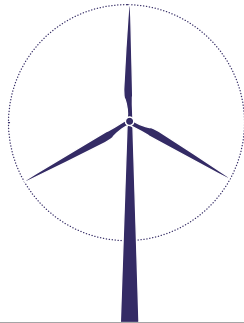
Medium and low  
2.3 MW - 3.2 MW

# Direct Drive

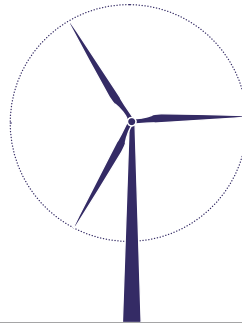


The Siemens Gamesa Onshore Direct Drive portfolio offers optimized solutions for sites with extreme weather conditions. Leveraging our extensive expertise in gear-less technology, the SG 4.3-120, SG 4.3-130, and SG 4.3-140 models deliver exceptional reliability and performance across all wind conditions.

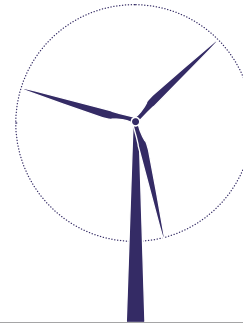
Experience  
and reliability



SG 4.3-140



SG 4.3-130



SG 4.3-120

Wind class:  
Rating:

Medium and low / Extreme wind  
4.25 MW

High and medium / Typhoon  
Up to 4.3 MW

High / Typhoon  
Up to 4.3 MW

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