

Technology definition	Power generation technology that generates electricity by converting kinetic energy of wind, which is absorbed by the rotor blades, into mechanical energy
Keywords	Wind turbine, Wind farm, On-shore wind power generation, Off-shore wind power generation, Floating wind power generation, Wind resource assessment, Wind resource measurement, Blade, Tower, Gearbox, Generator, Nacelle, Drive-train, Certification, Design assessment, Power curve, Power coefficient, Field test, Test bed, Low speed wind turbine, Large wind turbine, Small wind turbine, Horizontal wind turbine, Axial wind turbine, Controller, Offshore cable, On-shore power station, Off-shore power station, Maintenance, Levelized cost of energy, Economic analysis, Project feasibility study
Related sub-technology	<ol style="list-style-type: none"> 1. Onshore Wind Power 2. Offshore Wind Power 3. Floating wind power 4. Wind energy convergence