Your safety route to success

Siemens Gamesa Safe Mode is a solution to maximize performance by increasing the cut-out wind speed and the restart wind speed to lengthen the operation time during high wind speed conditions.

The integrity of the turbine components is ensured when operating above the normal cut-out wind speed as the power production and rotor speed will be reduced gradually until the Safe Mode cut-out wind speed is reached again.

How does it work?
The power production and rotor speed will be reduced gradually when the wind speed increases above the old cut-out wind speed, to avoid any affect on the integrity of the components.

- Safe Mode extends the range of operation, increasing the power produced by the wind turbine at high wind speed conditions
- AEP increase of up to 1.5% depending on wind turbine configuration and wind farm conditions
- Increase in production, due to reduction of standstill events and extended range of operation
Key benefits of Safe Mode

- No upfront cost, revenue sharing model
- Increase the power produced in high wind speed conditions
- Increase annual energy production by up to 1.5% (depends on wind turbine configuration and wind farm conditions)
- Reduction of full stops
- Benefits achieved from day one

Applicability: G5X, G8X