

1-GAMESA Company:

- o Transformer substation: The transformer substation is responsible for converting the low-voltage electricity generated by the wind turbines into high-voltage electricity that can be transmitted to the grid. GAMESA uses the IEC 60076 standard for the design and construction of its turbine transformers.
- o Turbine transformer: The turbine transformer is a smaller transformer that is used to connect a single wind turbine to the transformer substation.
- o Master transformer for wind turbine row: The master transformer is a large transformer that is used to connect multiple wind turbines to the same transformer substation. This is necessary because the generator typically rotates at a much slower speed than the turbine.