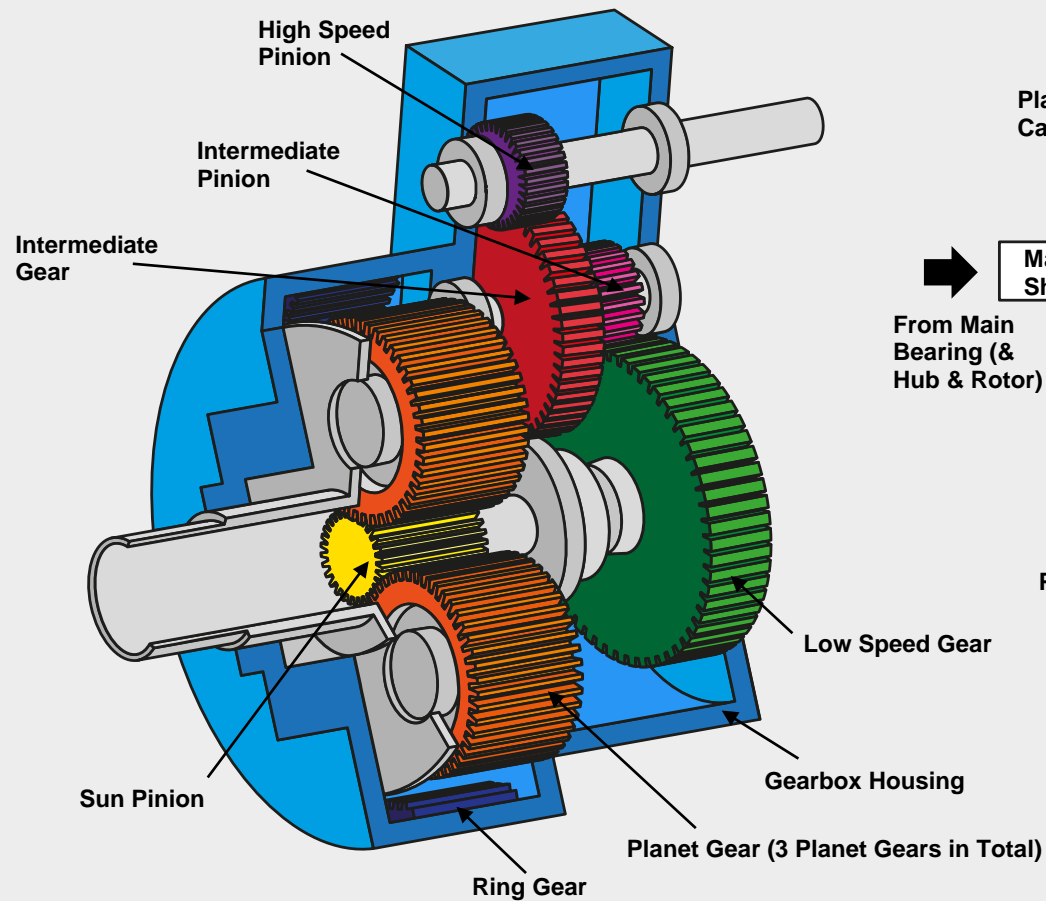
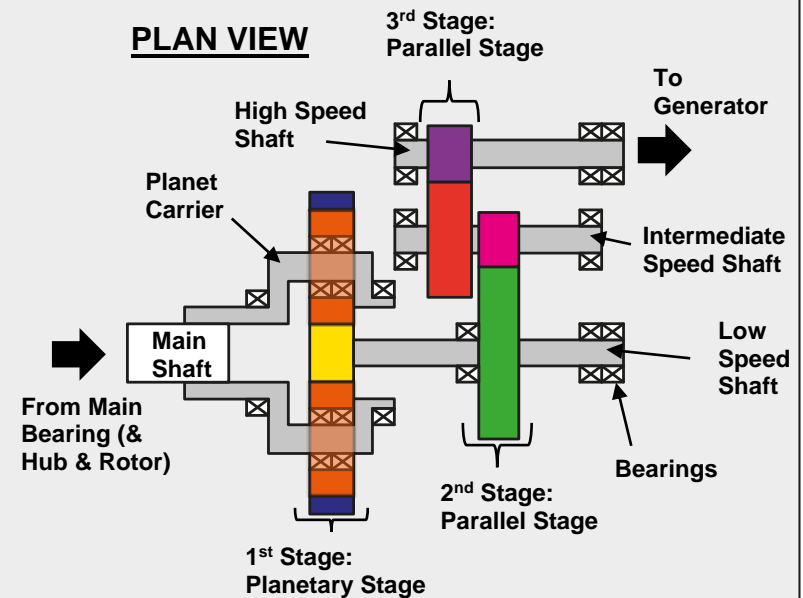


RENEWABLES INSURANCE WEEKLY MINI-SERIES EPISODE 5: WIND TURBINE GEARBOX DIAGRAM

3D DIAGRAM



PLAN VIEW



Points to Consider

- This is one gearbox design: designs vary, for example some gearboxes have two planetary stages and one parallel stage.
- There is not a standard labelling system for gears & shafts: different diagrams may refer to the same part by a different name. We have chosen the system we think most clearly demonstrates the parts.
- Gearbox casing is filled with an oil which lubricates all the gears.
- We will discuss typical gearbox damages (such as HS bearing damages) in a future episode.