

## Island Mode Wind Turbine Supplied by EWT and Freqcon

### Island Mode Power System Description:

- ⊗ Turbine is grid forming (Island mode)
- ⊗ Once the turbine is generating power it is fully self-contained
- ⊗ The turbine sends control signals to the switchboard control panel to switch the breakers between backup power and wind power
- ⊗ The turbine sends a power setpoint to a controllable load (optimum wind power point tracker [EWT's OWPPT])
- ⊗ In low wind the breakers are switched over and systems are kept alive by the generator

