WIND FARM

Characteristics for a wind farm of 50 WT

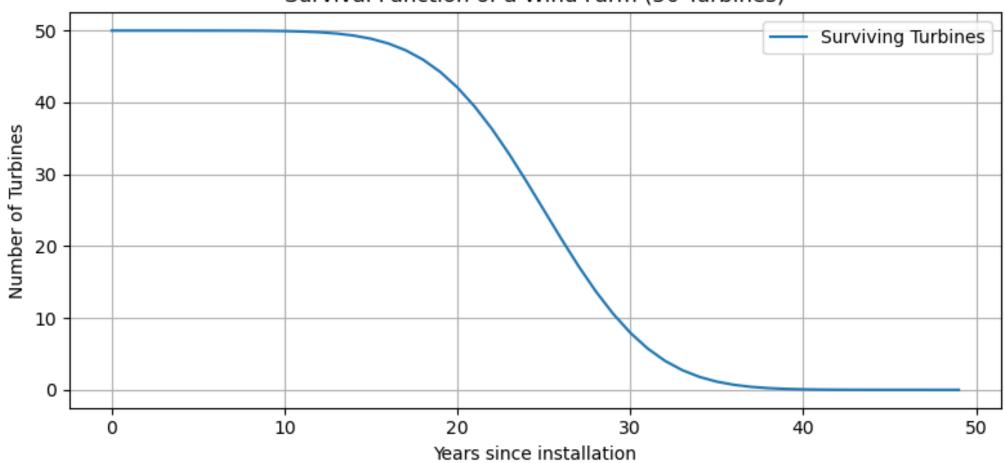
• Power: 4.2 MW

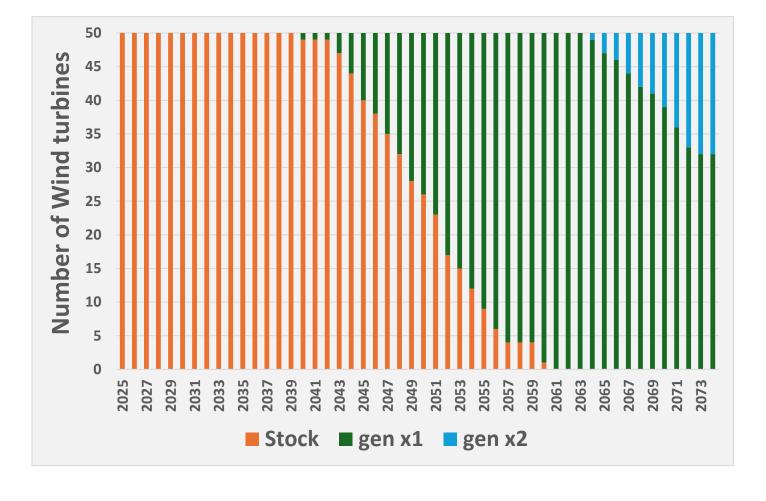
• Lifetime: 25 yrs

• Efficiency loss: 0.4% per year

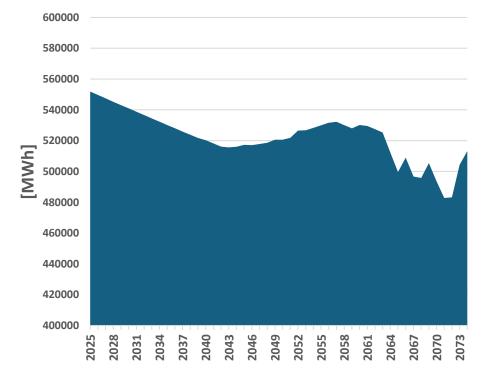


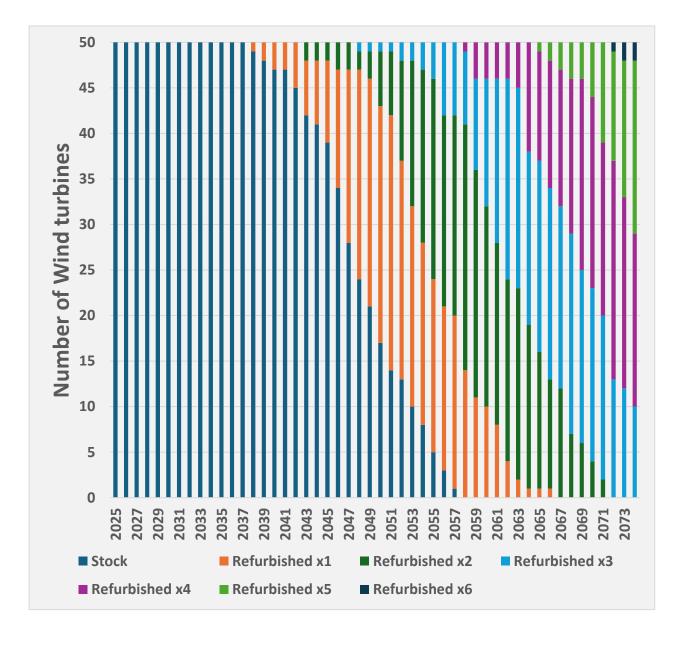
Survival Function of a Wind Farm (50 Turbines)



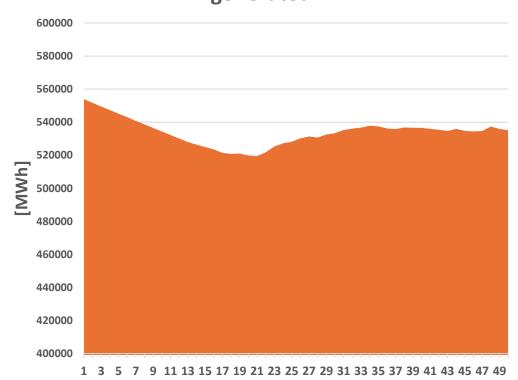


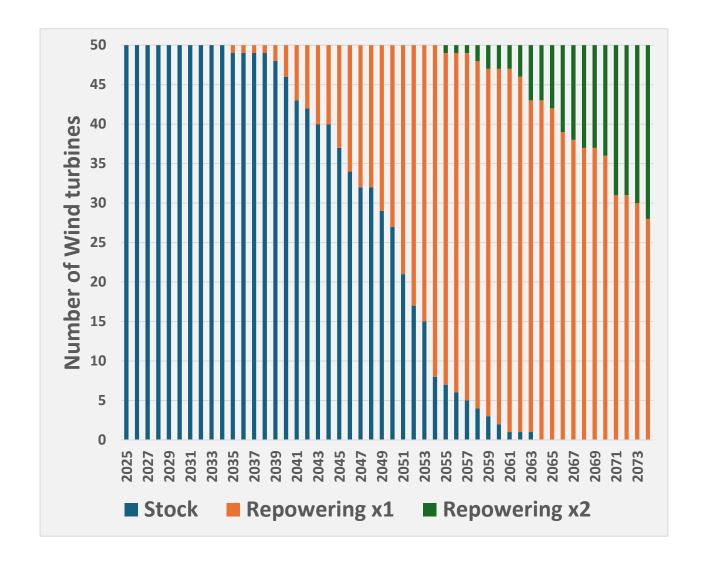
Baseline scenario - electricity generated



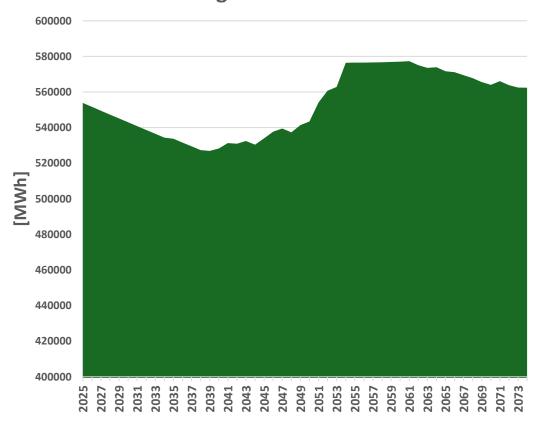


Refurbishment-based scenario - electricity generated

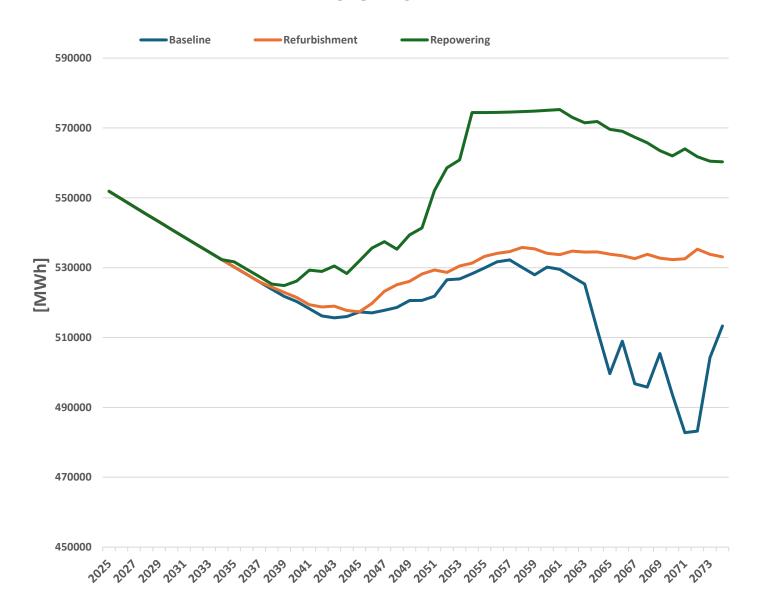




Repowering-based scenario - electricity generated



Electricity generated by the wind farm 2025 - 2074



Efficiency loss of 0.4%/yr

Wind farm average carbon footprint of electricity (lifespan 50 years)

