A comparison of extreme structural responses and fatigue damage of semi-submersible type floating horizontal and vertical axis wind turbines - DTU Orbit (19/01/2019)

A comparison of extreme structural responses and fatigue damage of semi-submersible type floating horizontal and vertical axis wind turbines

• A comprehensive comparison of floating HAWTs and VAWTs with different blade number.
• Extreme structural responses and fatigue damage are studied.
• Both operational and parked conditions are considered.
• The merits and disadvantages of floating HAWTs and VAWTs are revealed and highlighted.

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