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Optimization of Vertical Axis Wind Turbine Arrays

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OPTIMIZATION OF VERTICAL AXIS WIND TURBINE ARRAYS

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- Doubling the number of blades from 3 to 6 gives a 2.3 times increase in torque
- Running two (3-bladed) VAWTs inward at 1m part gives a less than one percent increase in combined torque
- Bringing them closer to 0.5m increases the overall torque by 7%