## Vertical Axis Wind Turbine (Part 2) - Physics Setup

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**Problem Specification** 

- 1. Pre-Analysis & Start-Up
- 2. Geometry
- 3. Mesh
- 4. Physics Setup
- 5. Numerical Solution
- 6. Numerical Results
- 7. Verification & Validation

Exercises

Comments

## **Physics Setup**

- Open Fluent from Solution
- If the Mesh Interfaces are gone, recreate them the same was done in Part 1
- Check that the Boundary Conditions were correctly copied
- Under "General", change the Solver to Transient.
- Under Cell-Zone Conditions...
  - Highlight "inner". Click Edit. Copy to Mesh Motion. Check that everything has been transfered
  - Do the same thing for the other 3 blades

Go to Step 5: Numerical Solution

Go to all FLUENT Learning Modules