

Vertical Axis Wind Turbine (Part 2) - Numerical Results

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Numerical Results

- Change the window to display the moment monitor. Note the oscillatory behavior.
- Review the animation
 - Expand Animation in the Outline, under Results. Double click "Solution Animation Playback"
 - Change "Write/Record Format" to MPEG and click Write.
 - It will be located in the *working_folder*/MFR_files/dp0/FFF-1/Fluent.
 - You can delete the .hmf files
- Save the Project

- Back to Workbench, drag "Solution" from MFR into Results of the Sliding Mesh
- Double click Results to open CFD-Post
- Compare results side by side:
 - Enable two windows view
 - Change on to the MFR and the other to the Sliding Mesh at 1.5s
 - Enable "Sync Views".
- Change to the Velocity Contours.
 - Review
 - Change the variable to "Velocity in Stn Frame" and click Apply
- Review the Vorticity Contours
- Review the Turb KE Contours

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