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|--|-----------|---|
| "Dummy" | PtfmFile | - Name of file containing platform properties (quoted |
| ----- TOWER ----- | | |
| 20 | TwrNodes | - Number of tower nodes used for analysis (-) |
| "..\..\..\..\NREL5MW_Properties\NRELOffshrBsline5MW_Tower_Onshore.dat" | | |
| ----- NACELLE-YAW ----- | | |
| 9028.32E6 | YawSpr | - Nacelle-yaw spring constant (N-m/rad) |
| 19.16E6 | YawDamp | - Nacelle-yaw damping constant (N-m/(rad/s)) |
| 0.0 | YawNeut | - Neutral yaw position--yaw spring force is zero at th |
| ----- FURLING ----- | | |
| False | Furling | - Read in additional model properties for furling turbl |
| "Dummy" | FurlFile | - Name of file containing furling properties (quoted s |
| ----- ROTOR-TEETER ----- | | |
| 0 | TeetMod | - Rotor-teeter spring/damper model {0: none, 1: stand |
| 0.0 | TeetDmpP | - Rotor-teeter damper position (degrees) [used only fo |
| 0.0 | TeetDmp | - Rotor-teeter damping constant (N-m/(rad/s)) [used on |
| 0.0 | TeetCDmp | - Rotor-teeter rate-independent Coulomb-damping momen |
| 0.0 | TeetSSStP | - Rotor-teeter soft-stop position (degrees) [used only |
| 0.0 | TeetHStP | - Rotor-teeter hard-stop position (degrees) [used only |
| 0.0 | TeetSSSp | - Rotor-teeter soft-stop linear-spring constant (N-m/r |
| 0.0 | TeetHSSp | - Rotor-teeter hard-stop linear-spring constant (N-m/r |
| ----- TIP-BRAKE ----- | | |
| 0.0 | TBDrConN | - Tip-brake drag constant during normal operation, Cd |
| 0.0 | TBDrConD | - Tip-brake drag constant during fully-deployed operat |
| 0.0 | TpBrDT | - Time for tip-brake to reach full deployment once re |
| ----- BLADE ----- | | |
| "..\..\..\..\NREL5MW_Properties\NRELOffshrBsline5MW_Blade.dat" | | |
| "..\..\..\..\NREL5MW_Properties\NRELOffshrBsline5MW_Blade.dat" | | |
| "..\..\..\..\NREL5MW_Properties\NRELOffshrBsline5MW_Blade.dat" | | |
| ----- AERODYN ----- | | |
| "AeroDyn.ipt" | ADFile | - Name of file containing AeroDyn inp |
| ----- NOISE ----- | | |
| "Dummy" | NoiseFile | - Name of file containing aerodynamic noise input par |
| ----- ADAMS ----- | | |
| "..\..\..\..\NREL5MW_Properties\NRELOffshrBsline5MW_ADAMSSpecific.dat" | | |
| ----- LINEARIZATION CONTROL ----- | | |
| "..\..\..\..\NREL5MW_Properties\NRELOffshrBsline5MW_Linear.dat" | | |
| ----- OUTPUT ----- | | |
| False | SumPrint | - Print summary data to "<RootName>.fsm" (flag) |
| True | TabDelim | - Generate a tab-delimited tabular output file. (flag) |
| "ES10.3E2" | OutFmt | - Format used for tabular output except time. Result |