

| Variable | Symbol | SOWFA | WFSim |
|-------------------------|------------|--|--|
| Domain size | – | 3.0 km \times 3.0 km \times 1.0 km | 1.9 km \times 0.80 km |
| Cell size near rotors | – | 3 m \times 3 m \times 3 m | 38 m \times 33 m |
| Cell size outer regions | – | 12 m \times 12 m \times 12 m | 38 m \times 33 m |
| Rotor model | – | ALM | ADM ($c_f = 1.4$, $c_p = 0.95$) |
| Inflow wind speed | U_∞ | 8.0 m s ⁻¹ | 8.0 m s ⁻¹ |
| Atmospheric turbulence | – | Turbulent inflow, $TI_\infty = 5.0\%$ | $d' = 1.8 \times 10^2$ m, $d = 6.1 \times 10^2$ m, $\ell_s = 1.8 \times 10^{-2}$ |