

Review of: "Influence of a City Block on ES-CFD Coupled Analysis"

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Potential competing interests: No potential competing interests to declare.

The manuscript presents the coupling of Energy Simulation with Computational Fluid Dynamics. This is a very important manuscript and the need of the hour, and it definitely needs to be accepted. A few comments from my end are as follows:

The authors have not mentioned Grid Sensitivity studies before they conducted the coupling with Energy simulation. It is suggested that some details of the optimized grid selection be provided.

The turbulence model selection is important to capture the right dynamics in the considered simulations. The reviewer's concern is mainly due to the fact of how the Standard K-epsilon model was selected. Several low Reynolds number models are present in the literature, which in the present case would influence the results. Hence, it is recommended that before coupling, the different turbulence models be tested and a comparison be provided.

Further, details about the validation of a CFD model are very important even before coupling with ES.

The reviewers also acknowledge the fact that the study is extremely comprehensive and interesting, and a few more things would add immense value to this outstanding work.