Comments:

- last sentence abstract: “TARGET will be made available to the public and ongoing development, including a graphical user interface, is planned for future work.” Shouldn’t this be “TARGET is available to the public [...]” (see Code availability Section)?

- P. 5, l.5-6: “Ideally, meteorological data should be representative of a nearby urban site. However, the nearest airport weather station will suffice.” In the reply to referee #1 you declared this sentence to be incorrect and that it will be deleted in the revised manuscript. So why is it still present?

- P.12 L. 7-9: “Utop is estimated at the top of the UCL based on Uz using a logarithmic relationship. Utop is estimated at 3H based on the observed wind speed at a nearby observational site (ideally an airport) using a logarithmic relationship.” I do not think both sentences are valid???

- Chapter 6: In your reply to referee #2 you wrote “We clarify, at the beginning of Section 2.6, the reasons we chose the lake model, and in the limitations (Section 6) we will re-emphasize the inconsistency with OHM.” In Sect. 2.6 you write “The simple water body model is used because the OHM-force-restore method can not be reliably applied to water surfaces.” Which leaves the reader to guess why this is the case. Could you add an explanation or a citation to support this statement?
  
  Furthermore, according to your replies to referees #1 and #3, I did not expect to read the word “microscale” so often.

Typos:

- P. 4, l. 9 “the enters” → “that enters”

- P. 22, l. 6 “[...] horizontal advection (inside or above) the UCL. [...]” remove brackets, as the sentence is not a full sentence without the content of the bracket.