

Response to Editor

Dear Editor,

Thank you for processing our accepted manuscript (ESSD-2025-709). We have made a small number of non-substantive editorial corrections to prepare the manuscript for publication. The **scientific content, methods, results, and conclusions remain unchanged from the accepted version.**

The main modifications are as follows:

Reference list: All references have been reformatted to conform to the ESSD/Copernicus reference style (author format, punctuation, dataset designation, DOI/URL, and publication years). No references were replaced for the purpose of changing the scientific argument.

Section 2 / meteorological data (line ~122): The phrase “monthly averages from 1950 to present” was corrected to “daily or monthly averages from 1950 to present” to align the text with Table 1, which already lists both daily and monthly temporal resolutions for the ERA5-Land variables. Table 1 was not modified.

Discussion (line ~437): The parenthetical examples “(e.g., TIMES, MARKAL)” were removed from one sentence on energy-economic models, so that the statement applies more generally without implying limitation to specific model platforms. The meaning of the sentence is unchanged.

We confirm that all of the above corrections have already been incorporated in the latest version of the manuscript submitted. Please let us know if any further clarification is needed.

Sincerely,
All authors