

We thank the editor for the careful review. Minor revisions have been made as follows:

**Lines 31 and 448:** “coal-fired power plant” was revised to “power plant”, as “coal-fired” is not fully accurate and is unnecessary.

**Line 250:** The citation for “Li et al. (2025)” was updated to “[Li et al. \(2026\)](#)” to reflect its formal publication (previously cited as a preprint), and minor formatting adjustments were made to the reference list to standardize journal abbreviations and DOIs.

**Figure S4 (Supplement):** Minor adjustments were made to individual labels to correct rounding-induced discrepancies where the total percentage slightly exceeded 100%, this revision does not affect the associated description in the text. These revisions do not affect the scientific results or conclusions of the manuscript.