Here are the changes to document in response to the reviewer's comments:

- In response to Reviewer #1's comments:
  - Added to last sentence in Introduction: "The improved spatial accuracy of this approach ensures better estimates of technical and economic distributed wind potential by analyzing granular information and capturing local variations rather than broad approximations."
  - Added limitations in Discussion and conclusion section
  - Table 1/Line 365/Line 367: "RAISE ineligibility" information to "REAP ineligibility"
  - Line 21: Changed range of distributed wind definition from 10 to 60m to 10 to 80m as this reflects our modeling
  - Line 83: Updated sentence as follows: "accounting for incentives and revenue streams"
  - Line 95: changed "As shown in this figure, calculation of economic generation potential at a given site involves three main phases corresponding to agent generation and technical potential calculation, inclusion of the wind resource to calculate estimated annual energy production, and the consideration of local energy demand and system costs to determine the techno-economic subset" to "As shown in this figure, separate model components calculate different metrics throughout the model pipeline: the agent generation process sites and sizes systems to determine parcel-level technical potential, the reV model calculates annual energy production according to wind resource, and the dWind model assesses parcel-level economic potential according to local energy demand and system costs" for clarity.
  - Table 1: The description of the datasets that were updated from the prior study are included in the section above the table.
  - Line 116: CPU defined as "Central Processing Unit"
  - Line 117: I/O defined as "Input/Output"
  - Figure 4: Clarification that the magnitude of the circles represents the available land area for siting on parcels.
  - Figure 7: Updated caption to include: "The maximum BTM turbine has been used to show maximum capacity, rather than the sized down turbine."
  - Line 402: Removed "these gains underscore the vast untapped DW potential"
- In response to Reviewer #2's comments:
  - Definition of Distributed Wind: Changed range of distributed wind definition from 10 to 60m to 10 to 80m as this reflects our modeling
  - Calculation of wind resource and energy yield: Included a reference to the turbine power curves used in Table 1 and included an "Energy production" entry in Table 1 that describes that the reV model calculates energy production using the wind resource data (WIND Toolkit) and turbine power curves.
  - Blade height: changed language from "minimum/maximum blade height" to "allowable minimum/maximum blade height" for clarity.
  - Changed "parallel processing" to "multiprocessing" as both the prior study and this one both used parallelization, but the updated model also incorporates multiprocessing.

- Added references on the value of DERs and grid reliability and resilience in the introduction section.
- Added uncertainties as limitation in the Discussion section
- In response to Reviewer #3's comments:
  - Added the geographic constraints of the modeling as a limitation in the Discussion section.
- Other changes:
  - Updated reference to Lightbox parcels dataset in Table 1
  - Removed colored cells in tables
  - Added the following sections: "Competing Interests," "Disclaimer," "Acknowledgements," "Financial Support"