# APPENDIX D - BESMM updated inputs for each RCP scenario

## **RCP 2.6**

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Figure D‑1 – Wind power historical capacity factor (2019) and new capacity factors of solar power for selected locations and for selected years for scenario RCP 2.6.

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Figure D‑2 – Solar power historical capacity factor (2019) and new capacity factors for selected locations and for selected years for scenario RCP 2.6.

Figure D‑3 – EER Southeast historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure D‑4 - EER South historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure *D*‑5 - EER Northeast historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure D‑6 - EER North historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure *D*‑7 - EER Itaipu historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure D‑8 - EER Madeira historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure D‑9 - EER Teles Pires historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure D‑10 - EER Belo Monte historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure D‑11 - EER Amazonas historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure D‑12 - EER Paraná historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure D‑13 - EER Iguaçu historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

Figure D‑14 - EER Paranapanema historical water inflow (2019) and updated water inflow for selected years for scenario RCP 2.6.

## **RCP 4.5**

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Figure D‑15 – Wind power historical capacity factor (2019) and new capacity factors of solar power for selected locations and for selected years for scenario RCP 4.5.

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Figure D‑16 – Solar power historical capacity factor (2019) and new capacity factors for selected locations and for selected years for scenario RCP 4.5.

Figure D‑17 - EER Southeast historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑18 - EER South historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑19 - EER Northeast historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑20 - EER North historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑21 - EER Itaipu historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑22 - EER Madeira historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑23 - EER Teles Pires historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑24 - EER Belo Monte historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑25 - EER Amazonas historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑26 - EER Paraná historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑27 - EER Iguaçu historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

Figure D‑28 - EER Paranapanema historical water inflow (2019) and updated water inflow for selected years for scenario RCP 4.5.

## **RCP 8.5**

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Figure D‑29 – Wind power historical capacity factor (2019) and new capacity factors of solar power for selected locations and for selected years for scenario RCP 8.5.

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Figure D‑30 - Solar power historical capacity factor (2019) and new capacity factors for selected locations and for selected years for scenario RCP 8.5.

Figure D‑31 - EER Southeast historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑32 - EER South historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑33 - EER Northeast historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑34 - EER North historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑35 - EER Itaipu historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑36 - EER Madeira historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑37 - EER Teles Pires historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑38 - EER Belo Monte historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑39 - EER Amazonas historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑40 - EER Paraná historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑41 - EER Iguaçu historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.

Figure D‑42 - EER Paranapanema historical water inflow (2019) and updated water inflow for selected years for scenario RCP 8.5.