

Description of Additional Supplementary Files:

Supplementary Data 1: Curated output for all 54 solvable scenarios in the main and sensitivity analysis. Output is provided for the following global variables: global mean temperature, positive and negative CO₂ emissions, CO₂ price, electricity generation, fossil fuel stranded assets, low-carbon energy investment, and final energy demand for the industry and transportation sectors.

Supplementary Data 2: Configuration files for all 62 attempted scenarios in the main and sensitivity analysis, designed for use with the Global Change Analysis Model (GCAM) version 5.4.