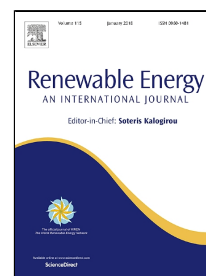


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LOCAL AND REGIONAL MICROGRID MODELS TO OPTIMISE THE DESIGN OF ISOLATED ELECTRIFICATION PROJECTS

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Highlights

- A two-scale design procedure to optimise rural electrification projects is proposed
- Two mathematical models are developed, optimising lifespan costs and supply quality
- The great detail of local and regional electrification solutions is included
- Both models are used to design an electrification system at Jubera valley (Spain)

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