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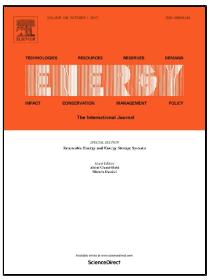

Impact of Stochastic Driving Range on the Optimal Charging Infrastructure Expansion Planning

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Research highlights

- Improved optimisation charging stations placement procedure is proposed.
- An uncertainty distance affects the charging reliability formation.
- Demonstrated dependency of stochastic range vs. overall stations placement costs.
- Obtaining the quality of service of the charging infrastructure.