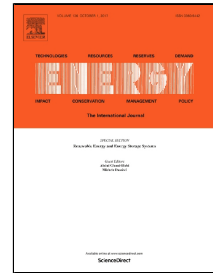


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Spatial planning to estimate the offshore wind energy potential in coastal regions and islands. Practical case: the Canary Islands

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**Highlights**

- Novel methodology to determine off-shore wind potential for small regions and islands based on spatial planning and GIS.
- Inclusion of techno-economic constraints.
- Economical assessment to determine the marginal generation cost of wind energy.
- Practical case: application to the Canary Islands.

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