



# Chilean grid-connected wind power generation system

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This paper introduces a genetic algorithm designed to optimize the sizing of a hybrid solar-wind microgrid connected to the main ...

Because southern Chile receives prevailing westerlies of the roaring forties and furious fifties, it has some of the most promising wind power potential in the world.

This second stage of the country's electricity development requires strengthening the networks and enhancing system flexibility to achieve ...

This paper introduces a genetic algorithm designed to optimize the sizing of a hybrid solar-wind microgrid connected to the main electric grid in Chile, serving a simulated ...

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