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Title: Optimal scheduling for wind-powered ammonia generation: effects of key design parameters

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### Highlights

- Optimal scheduling of a novel wind-powered renewable ammonia plant is considered.
- A receding horizon formulation is used to minimize operating costs.
- Plants at different locations and with different unit sizes are analyzed.
- Key parameters which have the largest effect on operating cost are determined.
- Simple correlations are generated to find operating costs independent of location.

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