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Optimizing wind farm cable routing considering power losses

Martina Fischetti, David Pisinger

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Highlights

- We propose a new mathematical model for cable routing in offshore wind farms
- We introduce a pre-computing strategy to include power losses in the optimization
- A new matheuristic framework to solve difficult real-world instances is proposed
- We make a set of real-world available for benchmarking
- We quantify the commercial impact of considering power losses

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