



CorRES

Simulate wind and solar times series

Correlations in renewable energy sources (CorRES) is a tool to simulate wind and solar generation time series. It is used in power and energy system studies to understand wind and solar generation variability and forecast uncertainty. CorRES is also used on plant-level to estimate revenues under variable electricity prices. It can be accessed via a web service (www.corres.windenergy.dtu.dk).

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Typical CorRES applications:

- Continental-scale simulation of wind and solar generation time series
- Study revenues of wind and solar plants under variable electricity prices
- Wind forecast uncertainty estimation from day-ahead to intraday to real-time
- Study ramp rates and storm shutdown risks of offshore energy islands



For more information, please visit www.corres.windenergy.dtu.dk