

# Carbon reduction corresponding to wind power generation



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### EMISSION IMPACTS OF WIND POWER

When wind power is generated, it will displace generation from power plants, reducing their fuel use and emissions of CO<sub>2</sub>, NO<sub>x</sub>, SO<sub>x</sub>, and particulates. It can also increase electrification and thus decrease



### [Research on carbon emission reduction benefit of wind power project](#)

Finally, the 49.5 MW wind power project in Shi-san-jian-fang area of Xinjiang is employed for empirical analysis to discuss the project's carbon intensity and the potential of emission reductions.

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