Relocation of communication base stations to wind power

China. c) One example of reserved relocation, 293 Station 50136. d) The station average wind speed of 342 reserved relocated stations. 294 The grey lines are the averages of 300 samp

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The authors investigate the use of wind-turbine-mounted base stations as a cost-efective solution for regions with high wind energy potential, since it could replace or even outperform current ...

We investigate the use of wind turbine-mounted base stations (WTBSs) as a cost-effective solution for regions with high wind energy potential, since it could replace or even outperform ...

This paper designs a wind, solar, energy storage, hydrogen storage integrated communication power supply system, power supply reliability and efficient energy use through ...

The increase in wind speed is primarily attributed to the rise in altitude following the station''s relocation. These conclusions indicate that the primary cause of the overall increase in surface ...

In conclusion, it''s more eco-friendly and economic to construct a wind solar hybrid power system for the communication base station cause solar and wind is sufficient here.

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