

## The village has installed a wind turbine

Should I buy a turbine for a small community wind project?

The purchase of a turbine for a small community wind project is a large investment and should be treated like any other major purchase.

Where did the idea for a wind turbine come from?

From aconversation in the pub,the idea grew from there. In 2013,a group of people in the village of Gamlingay,Cambridgeshire set up their own wind turbine for the village. Like all good ideas,it started with a conversation in the pub,and grew from strength to strength.

What is a community wind project?

Rural electric cooperatives or municipal utilities have also developed their own community wind projects to diversify electricity supplies. Community wind owners may also be local individuals who form independent power producer groups or limited liability corporations to sell the power the turbines produce to a local electricity supplier.

How much money does a community get from a wind farm?

That's a long way from the funds now flowing per community. It is estimated that the south of Scotland got more than £4m in community benefits last year, at just above £2,500 per megawatt per year. The good news for those who have had wind farms on their hilltops for the longest is that they will be the first to be retired.

Does a small wind turbine add value to a property?

According to Windustry, these include: Information about available grants and incentives. A small wind turbine adds value to a property, thus a property tax increase is possible. Many states offer property tax exemptions or other forms of property tax incentives for small wind systems.

How can we raise money for the community by selling a turbine?

To raise money for the community by selling the turbine's powerTo create a good investment opportunity for individuals and businesses in the area. A small group took on the role of securing buy-in from the rest of the village,holding regular public meetings,leafleting all households,and creating an online forum for enquiries.

(a) The village of Sunnyridge has installed an array of 6 wind turbines. The probability of any day being insufficiently windy for the turbines to operate is found to be 0.3. The probability on any day that any individual turbine needs to be ...



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