

How does it compare with solar?

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The answer is that each location is a little different.

We performed calculations to determine the significance of this effect. A comparison of wind to solar in a 20-kilowatt project at zip code 02532 on Cape Cod, which has good wind and moderate solar and a cost per kilowatt hour of \$0.16, reveals a slightly better payback for Flower Turbines (and that is before achieving mass production, and compared with low cost from China), and over 3 times better payback per square foot. That means that, with limited space and in large parts of the US, Flower Turbines is a much better investment for the owner.

	Solar	Flower Turbines, 10 turbines of 2 kilowatts each
Number of kilowatts capacity in ideal conditions	20	20
Space in square meters	148.7	90
Cost of system with 30% Federal tax subsidy	\$48,980	\$70,000
Value of electricity per year	\$4381	\$8992
Payback time	11.24 years	7.78 years
<b>Money earned per square meter per year</b>	<b>\$29.46</b>	<b>\$100</b>

Solar and wind work well together if you are making a grid of your own because they often complement each other.

Your return on investment depends on your resource.