



Are you beside a flowing river?

RECENT Toolkit: Choosing a Suitable Renewable Energy Technology for Your Electricity Needs

Is there an average wind speed of at least 5.5 metres per second on site?

Does you have an unshaded SE to SW facing roof or land of at least 24.5m²?

Is there enough feedstock available locally? (Min of 5K tonnes for 250kw plant.)

Is there a sustainable waste source available locally and cheaply to supply the incinerators?

Hydro power is not feasible in your location

Wind power is not feasible in your location

Solar PV is not feasible in your location

AD is not feasible in your location

Energy from waste is not feasible in your location

Monitor flow of river to ensure flow per second is high enough

Is the area free from obstructions that could cause turbulence?

Is the roof / land suitable for mounting panels?

Is there enough space available to build? (500kw = 1 acre)

Do you have a large, well aired area?

Does the river have a good head level? I.e. relatively even depth?

Monitor wind speed and turbulence

Is the building / land in a conservation area?

Is there a grid connection available?

Have you got planning permission?

Do you own all adjacent land?

Does the locations' measured wind speed have a detrimental effect on turbine performance?

Is the possibility of getting planning permission favourable?

Enquire with network operator regarding connection costs

Discuss with local planning office: has this been positive?

Get permission from landowner before going further

Is the site in or near a Conservation area, National Park etc?

Consult your local authority planning office

Are costs acceptable?

Have you obtained a licence?

Check with environment agency to ensure that no natural habitats will be disrupted

Discuss proposals with local authority planning office

Is the property connected to the National Grid? (Request connection after planning discussion)

Can planning be obtained?

Discuss with Environment Agency: has this been positive?

Has permission been granted from environment agency?

Have these discussions shown that wind power could still be the best option?

SOLAR PV is likely to be a feasible option

AD is likely to be a feasible option

Can you man a plant & incinerator that reaches over 1000 degrees Celsius?

Discuss with local planning office: has this been positive?

WIND POWER is likely to be a feasible option

Carry out a detailed site analysis and consult planning and building control. Contact installers to discuss the technology further.

Look at feedstock regulations. Contact installers about the best type of plant to install.

Look at the types of waste you are allowed to use & contact installers about suitable systems

HYDRO Is likely to be a feasible option

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