



Winglette

WIND POWER FOR YOU...

Electricity

For you...

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—Economic comparisons...



Model W03

There are many different ways that you can consider to provide electricity for your power needs. You can consider a diesel generator, solar panels, a **Winglette** wind generator, or simply buy your power from the local utility Company. Every system has advantages and disadvantages. You can only **make the right choice** if you can compare the advantages and disadvantages of all that is available.

COMPARISON STUDY

A study was undertaken to **compare the various systems** with each other. All the costs involved, as well as interest rates, and inflation was used to draw a comparison between the various systems. We can now see how expensive each product is.

Four (4) systems were considered. All were sized to produce the same nett results in terms of energy production. The total energy cost were calculated, and the nett present value were determined taking into account interest rates, possible price increases, inflation rates, maintenance and replacement values.

The systems were **compared over a period of 30 years**. The following table shows the results. The **Winglette** wind generator was taken at costing 1.0 unit currency. All the systems were then compared to the **Winglette**. For example: Solar panels, requires a capital outlay of **4.1 times** that of the **Winglette** wind generator, to produce the same amount of energy. These comparisons were drawn for an average wind speed site.

In the following table, the **power rates** for South Africa of US\$ 5.8 per KW-hour, was chosen to calculate total energy cost. (It is 38.00 per kW-hour in South African Rand.)



PICTURE GALLERY



Testimonials.

In the end, it is what our customers say that really matters. Here are the comments of some of them:

Johnny Hanekom, Keetmanshoop, Namibia:

The two (2) machines that I've bought, exceed all my expectatoinis as far as power generation is concerned. I am really pleased with their performance, and I am planning to buy the third unit.

Johnny van der Linde, Groblershoop:

We are retired on our farm outside Groblershoop, and have always experienced a shortage of electricity from the solar panels we had. With our Winglette wind generator now installed, we are seeking ways to utilize the abundance of power thats available now!

Nico Grobler, East Coast, Mozambique:

We have a holiday home near Vilancuro, and are well please with our Winglette. Being a pilot for the South Africa Air ways, I just love the Winglette's modern technology and good looks

POWER SUPPLY	Capital outlay	Total energy cost over 30 years.
<i>Winglette</i> wind generator	1.0	1.0
Local Utility Company	0.0	1.3
Solar panels	4.1	14.0
Diesel generator	0.5	48.0

CONCLUSIONS

The following conclusion can be made:

- Of all the types of power supply systems, the *Winglette* wind generator is **by far the cheapest**.
- Although buying power from your local utility Company, do not require any capital outlay, the total energy cost is at par, or even and expected 30% higher than the wind genrator, for the next 30 years.
- Solar panels, at their present cost levels, require a capital outlay of more that 4 times that of the *Winglette*.The total energy cost is a staggering 14.0 times higher that that of the *Winglette*.
- (There are promises of technological breakthroughs that will cut panel cost by as much as 80%. With even such dramatic cuts in panel production costs, the capital outlay figure comes down to only 1.8 times that of the *Winglette*, and energy cost lowers to 4.0 times that of the wind generator.)
- Diesel generators has a capital outlay of one half (0.5) of the complete *Winglette* wind generator system. Its total energy cost goes to a frigtening 48.0 times that of the wind generator. With the latest increases in fuel prices, one must decide to use diesel generators only as emergency backup power units.
- Where electricity from the utility grid is not readily available, the *Winglette* wind generator is by far **the most attractive choice**.

To receive a competitive price for a *Winglette* wind generator system, that will suit you, [please click here](#).

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