

# PRODUCING RENEWABLE ELECTRICITY WITH A HYBRID

**Joshenergy Hybid Solar Wind Energy**  
....missionary innovative design in a work of art

For Architect, designers and homeowners , the new Josh energy Hybrid Wind+Solar Turbine deliver the optimal blend of quite, clean, renewable energy in urban or rural settings. Simply elegance in a double –helix wind turbine with solar panel .The best of solar and the best of wind.....

The Philippine First Helix Wind Turbine in 2KW( home), 3.5KW(medium home),5 Kw( large home and office), and 7.5 KW( business or industrial) models are being developed for Caramoran based manufacturing with installation available starting Jan 2009.

## A Payback Period Calculation for:

The Joshenergy Hybrid Wind (5.5 KW –located in Bgy Burol, Calamba, Laguna)  
In a breezy and sunny location, without nearby obstruction

Annual Mean Wind Speed : 10 mph  
Predicted Electricity Output : 1,100 Kwhrs/month: 13,200kw/year  
Our Average Electric Utility Cost over the next 25 years-forecast energy inflation of 6%/year:

**P 8.8 /Kwhr**

Total cost over 25 years life(including maintenance and 1 extra generated)

|              |   |                              |
|--------------|---|------------------------------|
| Unsubsidized | - P 2,100,000.00                                      | Electricity Cost= P 6.5/Kwhr |
| Rural        | - P 1,800,000.00( with tax credits)                   | P 5.5/Kw hr                  |
| DOE customer | - P 1,200,000( with tax and solar production credits) | P 4.0/Kwhr                   |

## TALION EQUIPMENT AND CONTRACTING INC

Elegance in Art .....missionary innovative technology

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