

RE Practices in Sri Lanka – Small Scale Wind Energy Systems

Small Scale Stand Alone Wind Turbines by ‘Ceylinco Renewables’



Where and how the AIR-X Wind Module is used

- The AIR-X is an ideal product for the person that needs a little power for basic appliances such as TV, radio and a few lights.
- Common applications for the AIR-X
- Remote Cabins
- Telecommunication Towers
- The Developing World
- Monitoring Stations

Features

- Unprecedented 3-YEAR WARRANTY
- Carbon Fiber Composite Blades
- Aircraft quality aluminum alloy castings
- Exclusive Brush-less neodymium cubic curve alternator
- Sophisticated internal battery charge regulator
- Maintenance-free - Only two moving parts
- Exclusive Auto-brake-feature that slows the AIR to a silent spin when the batteries are charged thus extending bearing life and reducing noise.

Marketed by:

Ceylinco Renewable (Pvt) Limited

No. 2, Elibank Road,

Colombo - 05, Sri Lanka

Tel: +94115628877;

Tele /Fax: +94112590260

Email: info@ceylincorenewables.com

www.ceylincorenewables.com

RE Practices in Sri Lanka – Small Scale Wind Energy Systems

Small Scale Stand Alone Wind Pumps by ‘NERD Centre’



Technical Information:

- Rated Wind Speed : 4 m/s
- Rotor diameter : 4m
- Number of blades : 8
- Capacity of the windmill : 2 kW
- Water pumping capacity : 3000 liters/hr

Advantages:

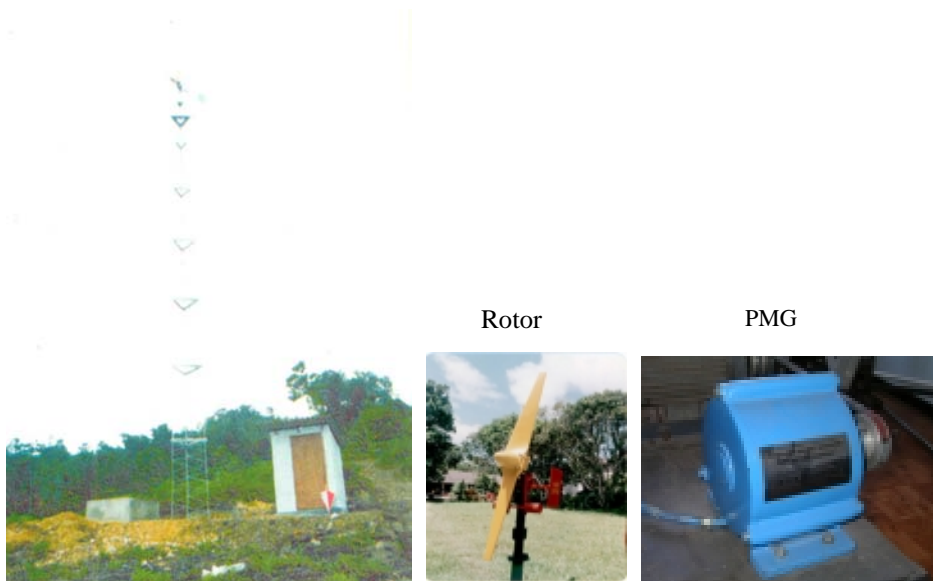
- No cost of fuel
- Environmentally friendly
- Suitable for shallow wells less than 7.5m depth
- Low maintenance cost
- Suitable for agricultural/industrial purposes

Enquiries:

Techno Marketing Department
National Engineering Research and Development Centre
Ekala, Jaela.
Tel. 2236284, 2236 384, 2236307
Fax. 5354597
Email: nerdcentre@nerdc.lk
Web: www.nerdc.lk

RE Practices in Sri Lanka – Small Scale Wind Energy Systems

Small Scale Stand Alone Wind Generators by ‘NERD Centre’



Features:

- Commence generation of electrical power at speeds as low as 150 rpm
- No fuel cost
- Can charge batteries at wind speeds between 3m/s to 15m/s.
- Can charge 01 or 02, 12V batteries at a time.
- Low maintenance

Technical Information:

- Generator : Permanent Magnet, 3ph
- Capacity : 100W, 200W
- Application : Rural electrification thro’ battery charging
- Diameter of rotor : 2.1m
- Number of Blades : 02
- Height of tower : up to 20m
- Type of tower ; Steel fabrication OR Tubular

Enquiries:

Techno Marketing Department
National Engineering Research and Development Centre
Ekala, Jaela.
Tel. 2236284, 2236 384, 2236307
Fax. 5354597
Email: nerdcentre@nerdc.lk
Web: www.nerdc.lk