

# Wind Mill Water Aerator System

*Here are some of the Benefits Windmill Aeration Systems can achieve for you*

### Livestock

- ◆ Increase weight
- ◆ Improved milk production
- ◆ Improved overall health
- ◆ Reduced medical costs

### Fish / Shrimp

- ◆ Reduce fish/shrimp kills
- ◆ Healthier, better taste
- ◆ Increase weight gain
- ◆ Reduce chemical use
- ◆ Save Diesel

### Wildlife

- ◆ Help improve natural habitat
- ◆ Improve Wildlife Health
- ◆ Reduce disease transfer

### Farm & Home

- ◆ Improved health of pets, horses and livestock
- ◆ Improved appearance
- ◆ Reduced Mosquito breeding ground
- ◆ Reducing threat of west Nile virus

### Garden Irrigation

- ◆ Pump your own water
- ◆ Conserve water resources
- ◆ Grow healthier more productive vegetables and flowers
- ◆ Reduce pollutants

### STP Recreational

- ◆ Reduce toxins in environment
- ◆ Utilization of irrigation in remote areas
- ◆ Improve appearance
- ◆ Save Electricity

- ◆ Reduced odor
- ◆ Increase rate of decomposition cycle
- ◆ Reduced chemical use
- ◆ Help mother nature move the process along



An ISO 9001:2008 Certified Company

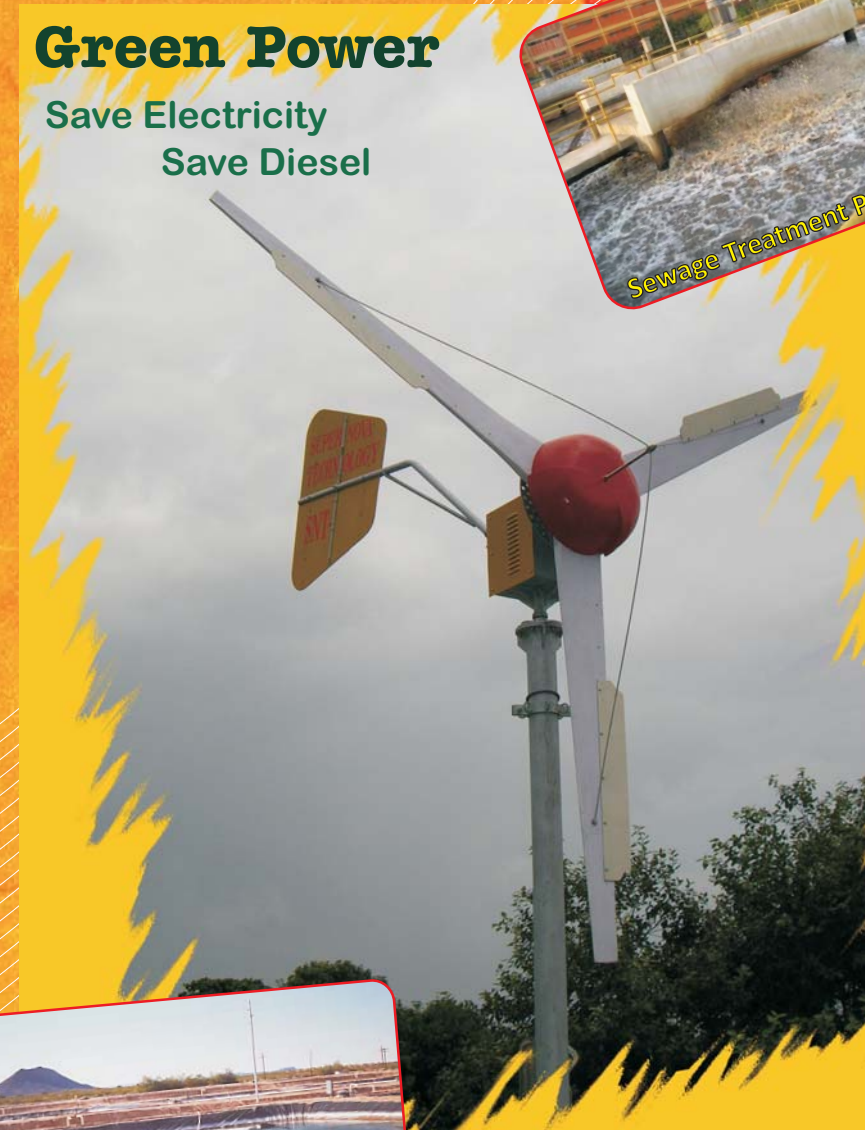
**Mumbai Office** : Arvind House, C. S. No. 180/1, Quay Street,  
Next to Sewree Police Station, Reay Road (E),  
Darukhana, Mumbai - 400 010.  
Phones : 2375 7090 to 94 • Fax : (91-22) - 2375 7095.  
E-mail: milton1@vsnl.net/srswg@yahoo.com

**Gujarat Factory / Office** : I/103, Phase - 4, Zone B-9, G. I. D. C. Estate,  
B/H Swiss Glasscoat,  
Vitthal Udyoganagar - 388 121. Dist. Anand, Gujarat.  
Phone : (02692) 651915 • Telefax : (02692) 237035

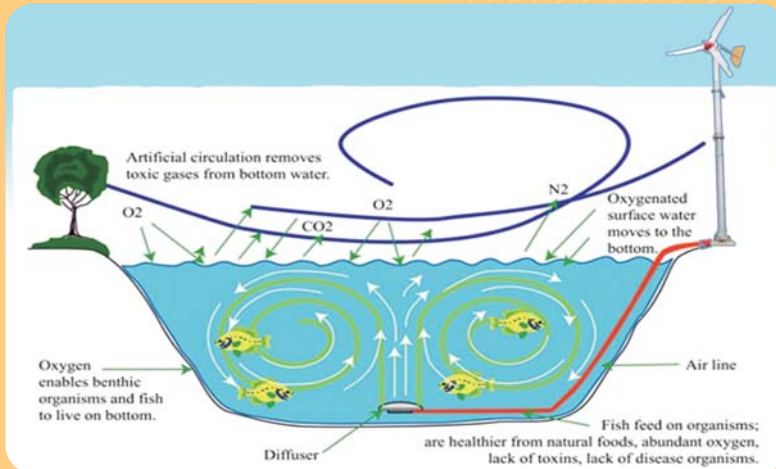
**E-mail** : sntgujarat@yahoo.co.in / sntgujarat@gmail.com

**Website** : [www.supernovawindsolar.com](http://www.supernovawindsolar.com)

**Green Power**  
Save Electricity  
Save Diesel



## How Windmill Pond Aeration Works



## Wind Aeration System

Our Windmill Aeration Systems is designed for Lake, Shrimp and Fish pond farming & Sewage water treatment plants (STP) which keeps water clean while using an environmentally friendly source of energy - the free power of the wind - saving thousands of Rupees in energy costs.

This Aerator is a gear less mechanical system with three FRP blades (low rpm high torque) and hot dip chassis with a design to perform at low wind speed with service period of 3 years and life of 20 years plus.

This is a most cost effective, affordable, and efficient way to keep the water clean. It require less ground area for permanent installation.

## Working

Windmill Aeration Systems add oxygen to your pond or lake to replenish it back to healthy oxygen levels, improving the circulation of your water, and reducing the bacteria build-up which

causes stratification. By improving water circulation you are able to minimize the chances for mosquitoes to lay eggs and reproduce it, which is important to keep your water clean.

Windmill Aeration is ideal for water bodies such as lakes, ponds, farm dugouts, fish & shrimp hatcheries, sewage treatment plants and reservoirs.

Windmill Aeration has an impact on the quality of pond drinking water and cattle production.

This aerator can be automated and interfaced with solar aerator as per the demand of geographical condition and utility. So that the water can be aerated as per planned cycle.

## Windmill Aeration System expect to reduce

- ♦ Pollutants
- ♦ Production of greenhouse gases
- ♦ Harmful algae and bacteria levels
- ♦ Sediment at the bottom of the pond
- ♦ Mosquito breeding environments which increase the threat
- ♦ Pond stratification
- ♦ Odors



Shrimp farming Aerator  
(Old System)



Wind Solar Farm Aerator  
(New Concept)