

# THE ANORRA 1.4

## Product Brochure

Harvesting the Power of the Wind for You | [borrumenergysolutions.ca](http://borrumenergysolutions.ca)

The Anorra Turbine not only reduces greenhouse gas emissions, it also reduces electricity costs and increases energy availability.

Our design is 100% Canadian, and 85% of our parts are sourced in Canada. Our mission is to provide the highest quality for the lowest cost to you.

## FEATURES & SPECIFICATIONS

### General

- Maximum Power: 1.8 kW
- Maximum Rated Speed: 79 km/hr
- Annual Energy Production: 1.5-3.6 MWh/y
- Rated Power: 1.4 kW
- Rated Wind Speed: 43 km/hr
- Cut-in Wind Speed: 14.4 km/hr
- Survival Wind Speed: 151.2 km/hr
- Design Lifetime: 25 years
- Overall Weight: 37 kg
- Type: Horizontal-Axis
- Body: Anodized Aluminum & Galvanized Steel

### Control & Safety System

- Power Control: Tail Furling (mechanical)
- Secondary Safety System: Electromagnetic Brake

### Warranty

- Standard: 10 years
- Extended Warranty: +10 Years and +20 Years

### Rotor

- Rotor Diameter: 2.8m
- Rotor Maximum Speed: 950rpm
- Blade Material: Carbon fiber composite
- Number of blades: 3

### Generator

- Frequency: variable
- Voltage: 48 Vdc
- Type: Permanent Magnet Generator

### Turbine

- Robust design
- Designed and tested for temperatures down to -50 °C
- Superior annual power generation
- Delivered pre-assembled
- Final assembly with common tools
- Ease of serviceability
- No electronic circuits

### Tower

- Galvanized Steel Guyed wire
- Tilt Base (no crane required)
- Modular 22ft, 44ft, 55ft, and 66ft
- Easy to Assemble and Install
- Selection of Anchors
- Space required: [Click Here](#)

### Applications

- Radiant Heating
- Water Heating
- Lighting
- Water Purification
- Battery Charging

### Contact Us

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