BRIEF OVERVIEW
OF RRB ENERGY LIMITED (RRBEL)

LET'S MAKE FUTURE ENERGY GREEN.
FOR A WORLD OUR CHILDREN WILL LIVE IN.
“THE POWER OF WIND THAT GIVES US LIFE, NOW ALSO EMPOWERS OUR LIFE.”

- RRB ENERGY LIMITED
Testimonial: RRB Energy Limited (RRBEL) has been incorporated in the year 1987 with the main objective of producing world class Wind Electric Generators (WEGs) in India for harnessing of power from wind.

Why RRBEL?: The Company offers custom-built turnkey solutions in the area of harnessing Wind Energy for Power Generation, which includes site selection, micrositing, preparation of detailed project report, project engineering, erection, commissioning and after sales service of the wind power projects.

RRBEL’s Philosophy: The Company believes that the “Blades” are the “Heart” of the WEG and “Controllers” are the “Brain”. RRBEL manufactures its own blades and microprocessor based WEG Controllers, thereby ensuring:

✓ High quality.
✓ Efficiency.
✓ Safety during operation of the WEG.
Vision Statement: To be a Technology Driven Company and to produce world class WEGs at an economical cost.

Goal: To make Wind Power competitive and at par with conventional sources of energy such as Oil, Gas and Thermal power.

Manufacturing Facilities: The Company has world class manufacturing facilities for manufacture of WEGs, Blades and WEG Controllers and parts thereof at Poonamallee, Chennai and at Delhi for manufacture of WEG Controllers and parts thereof. RRBEL’s blade manufacturing facility at Poonamallee, Chennai has been certified by Germanischer Lloyd Industrial Services GmbH for the “Production of Rotor Blades fabricated from Fiber Reinforced Plastics”.

RRB ENERGY LIMITED
RELIABILITY DRIVEN BY TECHNOLOGY
STRENGTHS OF RRABEL

- Since 1987, 2500+ RRABEL WEGs are in operation.
- Set the trend for Wind Power in India.
- Provide custom-built turnkey solutions in the area of harnessing Wind Energy for Power Generation i.e. Concept to Commissioning and after sales service.
- Internationally Recognized.
- One of the Foremost Players in the Wind Energy Sector.
- Proven performance - Having a track record of more than 20 years.
- WEG installations are spread worldwide.
- Customer base comprises a broad spectrum of manufacturing and service industries.
- Prompt and efficient after sales service is provided through highly skilled, well trained and dedicated service personnel.
- Technology Leadership.
UNIQUE VALUE PROPOSITION

- **Proven Design**
  WEGs are designed to withstand severe environmental conditions. The robust design ensures a higher level of
  - Safety.
  - Reliability.
  - Longer life span.

- **Climatic Shield**
  WEGs have been specially designed to suit the Indian climatic conditions and have extra inbuilt protection for lightening and voltage fluctuations.

- **Trouble Free Service**
  Advanced hydrodynamic fluid coupling and highly reliable components ensures trouble free operation of the WEG during its life span.

- **Optimal Pitch Regulation**
  Microprocessor controlled and hydraulically operated pitch regulation ensures continuous and optimal adjustment of the blades as per the prevailing wind, thus ensuring optimum Wind Power Generation.

- **Grid Compatibility**
  WEGs are grid friendly as they are designed to Generate Harmonics Free Power.
TURNKEY SOLUTION

- Wind data assessment and site selection.
- Micrositing.
- Infrastructure Development.
- Land Development.
- Development of power evacuation facilities.
- Civil Works including tower foundation and control room construction.
- Erection of WEG.
- Electrical works.
- Overhead line from SEB’s hooking point.
- Testing, Commissioning and Grid Interfacing.
- Round the Clock operation and maintenance for the entire life period of the WEGs.
SERVICE EDGE

- Guaranteed Quality.
- Experienced and Skilled Work Force.
- Turnkey Expertise.
- Proximity to the Project Sites.
- 24 x 7 Operation & Maintenance.
- Generation Report.
- Key Account Management.
- Indigenization.
- Infrastructure.
- Easy Availability Of Spare Parts.
10 REASONS TO SELECT RRBELE


2. Building and nurturing knowledge based on field experience.

3. Using well-known and world proven technology to produce WEGs that are well suited for Indian climatic conditions and are able to deliver high plant load factors even in low/medium wind regimes due to the design parameters incorporated into them.

4. World class production facilities.

5. First of its kind facility outside Europe for manufacture of WEG blades.

6. Expertise in maintaining and managing energy flow.

7. Turnkey solutions in the area of harnessing wind energy for power generation.

8. Offers innovative solutions for power generation from wind energy.

9. Technology leadership.

6. Backed by the leadership, vision and commitment of Mr. Rakesh Bakshi, LFIMA, FIE, FNAE Chairman and Managing Director, RRBELE. In recognition of his immense contribution in the crucial area of alternate sources of energy, on the occasion of the Republic Day in 1991 the Government of India honoured him with the Padma Shri, one of India’s high civilian award. He is also recognized worldwide as a Renewable Energy Pioneer.
ESTEEMED CLIENTS

Apollo Hospitals
PPS Enviro Power
Mohan Breweries and Distilleries Limited
Fairmont Hotels & Resorts
GRT Jewellers
Muthoot FinCorp
MM Forgings
Avon Cycles Limited
Ramsay Corporation

AND MANY MORE..
THANK YOU
FOR SHARING A FEW MOMENTS WITH US.

For Further Info:
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