

## **Micro-wind turbine with Remote Online Monitoring System (ROMS)**

This technology is focused on development of innovative and low cost solutions for harnessing clean renewable energy. This is a wind technology of highest performance called as the 'Micro-Wind Turbine with Remote Online Monitoring' for home and business applications. This technology seeks to resolve problem of acute shortage of power in rural/ semi-urban areas.

### **Salient features**

- Energy converter, stand-alone system, which harness clean source of energy – Wind.
- Designed for dual function, that is, Electrical Power System and Direct Electrical Water Pumping System.
- Create a smart local power system, which minimizes load on grid and State Electricity Boards.
- Provided with novel safety and protection systems, and this technology can be scaled to meet the needs of end-users.

### **Areas of application**

- Remote centres railways
- Cellular telecom towers
- Battery charging stations
- Agriculture irrigation
- Educational institutions
- Primary health care institutions
- Houses/ farmhouses

### **End users**

- Individual institutions
- Charitable NGOS's
- Architects
- Farmers
- City town planners
- Real estate developers
- Government organizations