



ABR Solar Energizer™ (ABRSLR)



A Potential Electronic Gadget to Minimize Wild Animals, Birds and Rodents Menace

(Developed by AINP on Vertebrates Pest Management, PJTSAU Hyderabad and ICAR-CAZRI Jodhpur)

ABR Solar Fencing Energizer



Human Wild Life Conflict:

Wildlife human conflict is on the rise owing to encroachment, fragmentation of wildlife habitats, blockage of traditional migration routes and restricting wildlife to small patches. Lack of food in the forest and the easy availability of nutritious food in the agricultural landscape have made animals like Macaques(Monkeys), Nilgai, Blackbuck, Wild boar, Spotted Deer, Stray Cattle, Goat, Sheep etc., prone to human-wildlife conflicts, Keeping this in view, a PJTSAU and ABR Consulting Services Pvt. Ltd. jointly developed a potential method to reduce the problem of intrusion by these higher vertebrates into the agricultural landscape.



Government
e Marketplace



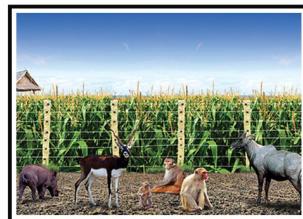
Solution :

Keeping in view of this, ICAR has initiated a new project in XII plan on All India Network Project on Vertebrate Pest Management (AINP on VPM), Professor Jayashakar Telangana State Agricultural University and ABR Consulting Services Pvt. Ltd. to address the problem raised by these higher vertebrates, Birds and Rodents in agricultural landscapes and other areas.

ABR Solar Energizer is a fencing solution capable of delivering a mild shock when animals or humans come in contact with the fence. It acts as a psychological barrier / deterrent that animals and unwanted visitors learn to avoid and stay away.

► Features

- ✓ Compact design of energizer and easy to carry from one place to another.
- ✓ 8 to 10KV output voltage thereby provides complete protection from animals and unwanted visitors including humans.
- ✓ The device is charged through solar energy.
- ✓ The device can be operated day and night.
- ✓ Low maintenance cost and cost-effective.
- ✓ No casualty or physical harm caused to human beings or animals.
- ✓ Available in varying battery capacity that serve area size ranging from 7 acres to 28 acres.
- ✓ Trademarked, Patented, GeM listed, CE Certified product.
- ✓ Available in 2 models - manual operated and IoT enabled.
- ✓ The device comes with one year warranty.
- ✓ Additional customization option is available for adding an alarm and/or light system to the fence.



► Agri Solar Spare Parts:

- ✓ Solar Energizer
- ✓ Solar Stand
- ✓ Earthing Rod & Earthing Cable
- ✓ Lead acid Battery
- ✓ Solar Panel
- ✓ Solar Bracket
- ✓ 7/20 Wire (5mts. Red & Black)



► Components to be procured by farmers:

- ✓ GI wire (1.65 mm thickness)
- ✓ Reel Insulators
- ✓ Corner Tighteners
- ✓ Bamboo sticks or centering sticks
- ✓ Warning Sign Board
- ✓ Springs
- ✓ S Hooks

