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ME

73 PROJECT

HIGHWAY
WINDMILL:
CLEAN
ENERGY,
IMPROVED
LIVES



This project aims to extract wind and solar energy in the most efficient manner with multi-fold impact. Small vertical axis wind turbines are installed on the road dividers so that wind flow from both sides of the highway acts tangentially in opposite directions on both sides of the turbine. These types of turbines can be installed on express highways and other high-speed traffic areas to generate electricity. In this, wind energy is converted to mechanical energy which in turn is converted to electrical energy. Solar panels installed near these windmills also add to the power reserve.

