

Light the Night

Team 07

Project Description

For this project, the goal is to design a vertical axis wind turbine with a ball-bearing-like connection to a lamp post. From this it allows for the lamp post to be powered through wind power from the environment along with cars that are driving past the system.

Design Objectives

We want to create a sustainable device that does little to no harm towards the environment. We also want to make sure that this device can be easily handled by anyone necessary and is not too complex so that anyone with a little knowledge of the device would be able to fix it.



- From Left to Right: Andrew VanderPloeg (EE), Matthew Carlson (ME), Kai Barboza (ME), Thomas Noble (ME), Alayna Spiering (ME)