**Research Question:**

How effective is 220v DIY electromagnetic generator compared to fossil fuel generator in terms of “healthiness” and how affordable.

**Hypothesis:**

The 220v DIY electromagnetic generator will generate more clean and affordable energy than fossil fuel generators.

**ROL (***Review of Literature***)**

The 3 R’s (Reduce, Reuse, Recycle) is very popular in the economic parts of the world since 2015, but this process is used to recycle matter only. This essay will show you a solution to “recycle” energy that is used to run vehicles such as cars, bicycles, and even school bags.

Nitoriyo (2018) said that the materials of creating a DIY electromagnetic generator is only some magnets, some bearings, and a long (9m) string of copper wire, which once putted