

## **ABSTRACT**

*Rubbish is a classic problem that never runs out to be discussed. In genera, rubbish is divided into three types : organic waste or so-called wet waste, inorganic waste or so-called dry waste, and hazardous and toxic garbage (B3).*

*For this study the authors did use dry waste such as paper-waste and dried leaves as the fuel for steam power plants. Dry waste that has been collected, used as fuel to heat a container of water and produce steam to drive the turbines. The turbine will rotate the generator so that can produce electricity.*

*From this study, the dry waste can be used as fuel to generate electricity. With the mobile phone battery capacity of 1500 mAh is used and the current generator for 0.02 Ah, then the mobile phone battery charging from a fully discharged state takes over 75 hours.*

**Keywords :** *Steam turbine, generator, dry waste.*