

ABSTRACT

Currently waste pollution occurs in many countries, including in Indonesia. Industries in Indonesia is experiencing a very rapid development, due to the entry of the era of globalization. Waste disposal is sometimes less of a concern by industry owners, but it is the most important thing to prevent environmental pollution caused by industrial waste. The widespread case of pollution of liquid waste in Indonesia makes it difficult to find clean water. Water quality must be well preserved for human use. Industrial waste constitutes 50% of the pollution load of the watershed which in the end is also a pollution load for coastal waters, The population growth in acertain area is propotional to the deman of electrical energy in that area. But it is inversely proportional to the supply of electrical energy. in the future reserves of non-renewable energy sources that has been the main fuel of power plants in Indonesia will decrease, so the supply of electrical energy is also stagnant.

Kata Kunci: Biogas, Homer, Renewable Energy.