ABSTRACT

The need for electricity is not a part of human life inseparable from the day-to-day. Along with the rapid growth in the field of economy, technology, industry, information so the need for electricity in Indonesia increased. This condition must be offset with the availability of electricity supply that is adequate. In fact, the supply of electricity in Indonesia is still felt not enough, often the occurrence of extinction in the power turns on almost all areas in Indonesia.

At the Final Project will discuss the development of PLTA Kolaka 2 x 1000 KW with the parameters that will be analyzed include technical aspects, economic, and environmental. So that the electrical energy needs, especially in Kabupaten Kolaka and South East Sulawesi, in general, can be met with both and can help local governments to address flood.

Kata kunci : Hydro Power Plan, techno-economic-environment