

ABSTRACT

Nowadays technology has developed very rapidly. Technology becomes a tool for improvement performance system. It is the fact, that the rapidity of era development, technology becomes something that cannot be separated from human life.

PT. PLN (Persero) as a government company which supplies the need of electricity for peoples, in its operation the electrical relay station (Gardu Induk) often gets disruption of electrical service, for example, black out, PMT Trip, and emergency electrical service disruption. Every electrical service disruption must be recorded in form of report in order that the performing of the system can be analysed periodically.

In this Final Task the writer has made a prototype of sets of equipment as a tool for monitoring the condition of electrical line at switchgear of PT. PLN (Persero) which can store data automatically. The sets of equipment in this Final Task use Assembler programming language of microcontroler atmel AT89C52 and PHP programming language

STTELKOM