

Abstract

In order to improve service quality for delivery and recovery of electrical disruption, PT. PLN conduct monitoring activities. But nowadays the leaders can not know the current condition of disruption in electricity network distribution system when the leader has not yet received the report. To observe the current condition of the electricity network distribution, the leader must come to the office of disruption service.

PLN UPJ Baleendah office requires an application which can assist the implementation of monitoring activities towards electricity network distribution. The application can monitor the electricity network distribution, and inform the disruption that occurred in the electricity network distribution at UPJ Baleendah area. Final Project entitled "Disruption of Electricity Distribution Networks' Monitoring Application" has the ability to record and manage data of disruption into a information which required for monitoring activities. In addition, this application also visualize the current network distribution conditions on a web-based application, which is implemented on a corporate intranet, therefore to monitor the condition of the network distribution can be done from anywhere as long as connected to the corporate intranet.

Disruption of Electricity Distribution Networks' Monitoring Application was created, in hopes of helping the implementation of the monitoring activities of the electricity network distribution. This application designed with a structured analysis method, implemented using a web-based programming language PHP, and Oracle as its database.

Keywords: PLN, electricity network, disruption, monitoring