ABSTRACT

PT. PLN is a State-Owned needs of the service will provide electricity, which the company must provide to the applicant well. However, processing customer data is still manually where the customer service staff to input an applicant data using the computer by using the application offices so slow in the management of data and in preparing reports.

New installation and power changes of electric power information system at PT. PLN (Persero) UPJ Cimahi made using the method of Waterfall. Tools for model authors use the design system is flow map, context diagram, data flow diagrams (DFD), and while the data dictionary tool that is used for database design is normalization, table relationships, and entity relationship diagram (ERD). Software supporting the author is using Visual Basic 6.0 and Microsoft SQL Server 2000.

New installation and power changes of electric power information system that was built is the solution that is expected to ease in processing applicant data, the absence of errors in the calculation of the cost and install new electrical power changes, ease in making the report and avoid delays in the delivery of the report.

Keywords: Information System, New Installation, Changes of Electric Power