

ABSTRACT

The operation of telecommunication devices should be maintain in order to success the services of telecommunication for subscriber. Because of that the devices of power supply has importance roles. If the devices of power supply fail, even for a moment it will cause the service of telecommunication will be disconnected.

Sometime a STO (Sentral Telepon Otomat) add its telecommunication devices to carry out its services or its new services. This addition will cause the need of power supply that produced by Power supply devices increase. This increasing should not over from the producing capacity of power supply devices.

To anticipate the lack of power supply , the planning of power supply devices that based on prediction of the needs of power supply by telecommunication devices is required. This prediction should be base on demand forecasting.

In this final project we will develop a software that can predict how much power supply is needed by a STO based on demand forecasting. We hope this software can help any one to plan the power supply devices of an STO for the future.