

ABSTRACT

The development at Pekalongan city are emblooding righth now. The amount of resident are pushing improvement in telecommunication service requirement. That's way we will doing an estimation of telecommunication service requirement for a few years again.

The calculation of demand forecasting in this final project are doing until 5 years again. With the economic growth of 17,8% per year they need to increase amount of telecommunication device equal as the economic growth. It's used macro and micro method.

To acheive the optimum planning we also need to be based on the PT.Telkom standarization scheme. By doing literaturre studies,field survey and other supportive data we can build the network plan.

The result of this writing the amount of telephone demand by placing the STO Pekalongan and the primary and secondary telephone network. From this writing we can conclude that telephony demand for Pekalongan until 5 years is 32772 sst so we must built additional network. And then we get developing map primary and secondary in STO Pekalongan.