ABSTRACT

Transformers become such an important part in maintaining the stability of electric power and an electric power equipment that converts alternating current voltage from one voltage level to another level of stress by using the principle of induction magnetic.

In this thesis, the load losses test transformers in PT CG Power Systems Indonesia will discussed. When performing these tests required a very large current flow, to meet the demand of the current used by a generator that is connected to the auxiliary transformer and capacitor bank compensation. Series capacitor bank compensation of the right, can supply the current needs at the time of testing.

Key Word: electric power, induction magneti, transformers test, capacitor bank