

# **CURRENT TRANSFORMER INSTALLATION IN CUBICLES SPECIAL CUSTOMERS IN PT.PLN (PERSERO) AREA BANTEN UTARA**

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## **ABSTRACT**

As the development of industry in Indonesia and the large request for addition of power by the industry as the state-owned company PT PLN preparing tools to measure the current in order to read the data is relatively large this thesis discusses the current transformer. current transformers are electrical equipment used in a series of alternating current, which can reduce the flow big to be small. function to obtain a current proportional to the current which was to be used and to separate sirkut from its current system measured CT is generally used on the equipment as well as its great value and secondary circuit protection as well as isolation from the primary side. In this final project will discuss the use of current transformers as process measurement tools measurement of the transformation process of the primary current into a secondary current, is always followed by losses arising on the side of the core as a result of these losses, the amount of secondary current in fact be different from the current value of the secondary identifiers This is commonly called the class of accuracy in this case the author describes how to install current transformers and fault current calculations.

Keywords :current transformer, level of accuracy, and fault currents