

REPLACEMENT OF OLD CUBICLES WITH NEW CUBICLES AT A 20 KV DISTRIBUTION SUBSTATION

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ABSTRACT

The role of electrical distribution equipment (substations distribution) is very important to keep the distribution of electricity is not hampered. By connecting the network to the consumer or to distributing or distributing medium and low voltage consumers. Substation distribution is a means of electricity distribution from PLN to customers. One of which a connecting device for or commonly referred to as a cubicle. Its functions are as controller, connector, and protector and divide electric power from power source. In the intermediate cubic voltage installation is required for easier monitoring. But, interference or damage may occur in the cubicle, both disturbances from external factors and internal factors may result in cubicles unable to work properly. So muc done maintenance efforts, onsite and other.

Keywords : Substation distribution, Cubicles, Cubicle exchange