

CB Maintenance With Media GAS SF6 At 150 KV substation

Kebon Jeruk

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ABSTRACT

Circuit breaker (PMT) is an equipment on the distribution of electrical energy. Each distribution of electrical energy at the start of the power plant to the consumer to have to have a PMT. PMT on the power line is a very important part in keeping the spread of disorder-term disruption will occur or reduce the risks that will occur when distribute electrical energy caused by some external or internal factors. In the system of distribution of electrical energy each PMT should do routine maintenance or periodic maintenance that aims to avoid damage when problems arise PMT and PMT can work optimally. At the substation a lot of maintenance PMT performed from start maintenance daily, weekly, monthly, yearly up. At the substation Kebon Jeruk Jakarta, PMT in use is PMT GAS SF6. One of the maintenance done on substations Kebon Jeruk is regular maintenance every 2 years, where each maintenance consists of checking, cleaning and measurement. This research method is done with literature studies, observational studies, study guidance and interviews. The results of this study are expected to assess MAINTENANCE media circuit breaker with 150kV SF6 gas on the side of Kebon Jeruk.

Keywords: CB, maintenance