

***Installation of Insert Trafo To Fix Turning Voltage on Viona
Penyulang in PLN (Persero) Teluk Naga Area***

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ABSTRACT

Based on the measurement and percentage of the transformer loading and voltage drop at the end customer in the substation MA 4 and MA 20P viona repeater in PT.PLN (Persero) Teluk Naga Area in the measurement and percentage of service voltage loading not in accordance with the standard provisions set SPLN No. 1/1995 where the minimum voltage is +5% and -10% to the nominal voltage of service. Prior to the addition of substation substations 4 and MA 20P substation substrates experienced a load percentage of 80%. With the addition of substations, the expected percentage of overload load experienced by substations MA 4 and MA 20P can be normal again or even less than 80%. After the addition of MA 20C substation the received voltage at the tip of the finger becomes stable and the percentage of load over MA 4 and MA 20P becomes reduced. type of installation of the substation of the insert using the type of construction of outdoor partner portal.

Keywords: Pushing Paste, percentage of load, standard voltage servicing.