

Optimalisasi Penggantian Kwh Meter Tua Pascabayar untuk Mengurangi Susut Distribusi

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ABSTRACT

The improvement and control of electricity availability to PLN customers must be effectively implemented by reducing losses, both technical and non-technical. The control of measuring and limiting devices (APP) plays a significant role in realizing the vision of distribution by reducing non-technical losses, as it improves accuracy in measuring electrical energy. Following up on the replacement of old postpaid kWh meters becomes the main focus in replacing postpaid kWh meters due to the losses incurred by PLN from the gain of kWh in UP3 Menteng in 2021 amounting to Rp 10,951,056,993 per year from 30% of the old meter population.

Keywords: *Losses, gain, APP, PLN*

ABSTRAK

Peningkatan dan pengendalian ketersediaan energi listrik kepada pelanggan PLN harus diefektifkan dengan mengurangi susut (losses) baik yang bersifat teknis maupun non teknis. Pengendalian alat pengukur dan pembatas (APP) memegang peran cukup signifikan dalam mewujudkan visi distribusi menekan susut non teknis karena selain meningkatkan akurasi dalam pengukuran tenaga listrik. Menindaklanjuti kWh meter tua pascabayar menjadi fokus utama dalam pergantian kWh meter pascabayar dikarenakan Kerugian PLN yang disebabkan gain kWh di UP3 Menteng tahun 2021 sebesar Rp 10.951.056.993 pertahun dari 30% populasi meter tua.

Kata Kunci: *Losses, gain, APP, PLN*