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POSSIBILITIES FOR ENERGY SAVING IN ELECTRIC DISTRIBUTION NETWORKS

BY

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Abstract. The paper presents a methodology for the evaluation of the energy saving potential, by replacement of the old transformers, with efficient transformers. This solution, which it can be applied for different loading levels, using the clustering and fuzzy techniques, is proven as a useful tool in the optimization of the decisions for the renewals/reinforcements on distribution networks.

Keywords: energy saving, efficient transformers, power losses.