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**TRANSIENTS AND OTHER SHORTCOMINGS OF THE VOLTAGE IN THE LOW
VOLTAGE POWER GRID OF REPUBLIC OF MACEDONIA.
RESULTS OF MEASUREMENTS**

ABSTRACT

In this paper, based on the measurements in the low voltage power grid in Republic of Macedonia, we estimate the quantity of transients and other shortcomings which deteriorate the power quality. Up to now we were limited only to the literature in evaluating the quantity of such phenomena. In the paper there is also effort to explain the sources of the phenomena, as also to find their dependence on some factors.

Keywords: transients, power quality, low voltage grid, measurements.