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**Effects of Ferroresonance on Distribution Transformers
Supplied by Long Overhead Lines**

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Abstract

It has been observed that we have a lot of failures on distribution transformers. The causes are many. However, it has also become apparent that a certain network design predisposes the smaller transformers to severe stress through resonance effects, thereby curtailing their lifespans.

A recognition of such phenomena is discussed and remedial measures are discussed esp. on the 33/0.4kV transformers.