

## METHODOLOGY FOR THE UTILISATION OF COMPACT DISTRIBUTION LINES IN COASTAL AREAS

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This paper presents the main results of a research Project developed by the electrical utility CELESC, aiming at the preparation of a guideline for the utilisation of compact distribution lines in places with trees near the coast. Emphasis should be given to the development of an accelerated ageing test that would be able to reproduce, in the laboratory, the typical damage observed in polymeric material installed in places with heavy pollution. Different types of line spacers available in the Brazilian market were tested and the results of the investigation provided important information concerning the application of compact distribution lines in coastal areas.