

SYNOPSIS

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A package program is developed to predict reliability at the busbars in a power system based on historical data. The reliability indices used are Probability, Frequency, Expectation, and Average Duration of loss of load.

The program is designed to be run on a small computer (16K words) for power systems of up to twenty busbars.

Emphasis is placed on the ease of entry of data to minimise errors in input, and to facilitate use of the package, by engineers unfamiliar with probability theory.

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