

IEEE Recommended Practice for Reporting Field Failure Data for Power Circuit Breakers

Sponsor
**Switchgear Committee
of the
IEEE Power Engineering Society**

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Abstract: A format is presented that provides a concise and meaningful method for recording pertinent information on power circuit breaker field failures. It is recommended that this format be utilized in record keeping and directing corrective action to improve field reliability of power circuit breakers.

Keywords: power circuit breakers

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Introduction

(This introduction is not part of IEEE Std 1325-1996, IEEE Recommended Practice for Reporting Field Failure Data for Power Circuit Breakers.)

The reliability of installed equipment depends upon many factors, some of which are related to the installation, application, maintenance, and environment, while others are associated with the design, manufacture, and shipment of the equipment. Availability of improved information for meaningful feedback to the manufacturer or others is essential to assure mutual understanding of any field failures encountered and the best practical corrective action.

The High-Voltage Circuit Breaker Subcommittee of the IEEE Switchgear Committee recognized this need and established the Quality and Reliability Working Group. One of the results of this group's activities was the development of the Failure Reporting Form for power circuit breakers. This has been in trial use for several years, and it is now appropriate to elevate its status to a recommended practice.

The Quality and Reliability Working Group of the High-Voltage Circuit Breaker Subcommittee of the IEEE Switchgear Committee that prepared and approved this standard had the following membership:

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