

IEEE Recommended Practice for Maintenance, Testing, and Replacement of Large Lead Storage Batteries for Generating Stations and Substations

ANSI/IEEE Std 450-1975

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Std 450-1975

An American National Standard

**IEEE Recommended Practice for
Maintenance, Testing, and Replacement of
Large Lead Storage Batteries for
Generating Stations and Substations**

Sponsor
Power Generation Committee
of the
IEEE Power Engineering Society

Approved January 8, 1976
American National Standards Institute

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Foreword

(This foreword is not a part of ANSI/IEEE Std 450-1975, Recommended Practice for Maintenance, Testing, and Replacement of Large Lead Storage Batteries for Generating Stations and Substations.)

Large stationary lead storage batteries play an ever increasing role in substation and generating station control systems and in providing the backup energy for emergencies. A definite need exists within the industry for an application guide and testing procedure to provide a common or standard method for selecting, applying, and installing batteries to meet station requirements. However, to provide a guide that can be used for determining the available capacity of the battery (especially for nuclear stations), this document will limit its scope to recommended practice for lead storage battery maintenance, testing, and replacement.

The IEEE will maintain this document current with the state of the technology. Comments on this document and suggestions for additional material that should be included are invited. These should be addressed to:

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