

IEEE Recommended Practice for Installation Design and Installation of Large Lead Storage Batteries for Generating Stations and Substations

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Documents



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An American National Standard

**IEEE Recommended Practice for
Installation Design and Installation of
Large Lead Storage Batteries for
Generating Stations and Substations**

Sponsor
Power Generation Committee
of the
IEEE Powering Engineering Society

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American National Standards Institute

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Foreword

(This foreword is not a part of IEEE Std 484-1975, Recommended Practice for Installation Design and Installation of Large Lead Storage Batteries for Generating Stations and Substations.)

Proper installation design and installation procedures are prerequisite to long and reliable service of large stationary lead storage batteries. A definite need exists within the industry for recommendations that provide a uniform method for the design of the installation and the installation procedures of all batteries to meet station requirements. However, to provide practices that can be used immediately (especially for nuclear power generating stations), this document will limit its scope to the installation design and installation procedures of large stationary lead storage batteries. Included will be the seismic considerations for new battery installations. Work is being initiated on determination of qualification for batteries. See IEEE Std 450-1972, Recommended Practice for Maintenance, Testing, and Replacement of Large Stationary Type Power Plant and Substation Lead Storage Batteries. Future documents that will describe sizing and determination of qualification for batteries are being prepared.

Prepared by the Working Group on Batteries, Station Design Subcommittee of the Power Generation Committee, this document correlates and summarizes industry practices; it is not intended to be an exhaustive compilation or a rigid procedure manual.

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