



JOINT CANADA-UNITED STATES
NATIONAL STANDARD

ANSI/CAN/UL 3001:2025

STANDARD FOR SAFETY

Distributed Energy Resource Systems

SCC FOREWORD

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UL Standard for Safety for Distributed Energy Resource Systems, ANSI/CAN/UL 3001

First Edition, Dated April 24, 2025

Summary of Topics

This is the First Edition of ANSI/CAN/UL 3001, Standard for Distributed Energy Resource Systems, dated April 24, 2025, includes applicable requirements for Canada. The Standard requirements provide a means for evaluation of a Distributed Energy Resource System (DER system) as a system and consider hazards associated with the interaction between sources and interaction with external energy sources such as an area EPS and other DER systems.

The new requirements are substantially in accordance with Proposal(s) on this subject dated September 6, 2024 and February 14, 2025.

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APRIL 24, 2025

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ANSI/CAN/UL 3001:2025

Standard for Distributed Energy Resource Systems

First Edition

April 24, 2025

This ANSI/CAN/UL Safety Standard consists of the First Edition.

The most recent designation of ANSI/UL 3001 as an American National Standard (ANSI) occurred on April 24, 2025. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, Preface or SCC Foreword.

This Standard has been designated as a National Standard of Canada (NSC) on date April 24, 2025.

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Preface

This is the First Edition of ANSI/CAN/UL 3001, Standard for Distributed Energy Resource Systems.

ULSE is accredited by the American National Standards Institute (ANSI) and the Standards Council of Canada (SCC) as a Standards Development Organization (SDO).

This Standard has been developed in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization.

This ANSI/CAN/UL 3001 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

Annex [A](#) is identified as Normative, as such, form mandatory parts of this Standard.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

Comments or proposals for revisions on any part of the Standard may be submitted at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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This Edition of the Standard has been formally approved by the Technical Committee (TC) on Distributed Energy Resource Systems, TC 3001.

This list represents the TC 3001 membership when the final text in this Standard was balloted. Since that time, changes in the membership may have occurred.

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