

# PC62.92.1

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**Submitter Email:** steven.whisenant@duke-energy.com  
**Type of Project:** Revision to IEEE Standard C62.92.1-2000  
**PAR Request Date:** 23-Sep-2009  
**PAR Approval Date:** 02-Nov-2009  
**PAR Expiration Date:** 31-Dec-2013  
**Status:** PAR for a Revision to an existing IEEE Standard C62.92.1-2000  
**Project Record:** C62.92.1

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**1.1 Project Number:** PC62.92.1  
**1.2 Type of Document:** Guide  
**1.3 Life Cycle:** Full Use

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**2.1 Title:** Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part 1 - Introduction

**Old Title:** IEEE Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part 1 - Introduction

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**3.1 Working Group:** 3.5.7 App Guide for Neutral Grounding in Elec Utility Systems WG (PE/SPDHV/HV3.5.7)

**Contact Information for Working Group Chair**

**Name:** Steven Whisenant  
**Email Address:** steven.whisenant@duke-energy.com  
**Phone:** 704-489-6418

**Contact Information for Working Group Vice-Chair**

None

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**3.2 Sponsoring Society and Committee:** IEEE Power & Energy Society/ Surge Protective Devices/ High Voltage (PE/SPDHV)

**Contact Information for Sponsor Chair**

**Name:** S Frank Waterer  
**Email Address:** frank.waterer@us.schneider-electric.com  
**Phone:** 770-447-0351, Ext. 102

**Contact Information for Standards Representative**

**Name:** James Wilson  
**Email Address:** jwwilson@ieee.org  
**Phone:** 314-822-5480

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**4.1 Type of Ballot:** Individual

**4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot:** 06/2012

**4.3 Projected Completion Date for Submittal to RevCom:** 08/2013

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**5.1 Approximate number of people expected to be actively involved in the development of this project:** 22

**5.2 Scope:** This guide is intended for application to three-phase electrical utility systems and is Part I of an IEEE C62.92 series. This part provides definitions and considerations that are general to all types of neutral grounding for electrical utility systems. Goals of system grounding, means of grounding and classes of grounding are addressed in this part.

**Old Scope:** This guide is intended for application to three-phase electrical utility systems. This is Part I of the five-part IEEE C62.92 series. This part provides definitions and considerations that are general to all types of electrical utility systems. The remaining four parts provide specific guidance on synchronous generator systems (IEEE Std C62.92.2-1989), generating station auxiliary systems (IEEE Std C62.92.3-1993), distribution systems (IEEE Std C62.92.4-1991), and transmission and subtransmission systems (IEEE Std C62.92.5-1992).

**5.3 Is the completion of this standard dependent upon the completion of another standard:** No

**5.4 Purpose:** This guide presents basic considerations for the selection of neutral grounding parameters that will provide for the control of overvoltage and ground-fault current on all parts of three-phase electrical utility systems.

**5.5 Need for the Project:** A revision to this document will incorporate comments received from a previous reaffirmation and update material accordingly.

**5.6 Stakeholders for the Standard:** electric utilities  
manufacturers of grounding equipment  
A&E firms doing design work for electric utilities

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**Intellectual Property**

**6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No**

**6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No**

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**7.1 Are there other standards or projects with a similar scope?: No**

**7.2 International Activities**

**a. Adoption**

**Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization?: Do Not Know**

**Organization:**

**Technical Committee Name:**

**Technical Committee Number:**

**Contact Name:**

**Phone:**

**Email:**

**b. Joint Development**

**Is it the intent to develop this document jointly with another organization?: No**

**c. Harmonization**

**Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?: No**

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**8.1 Additional Explanatory Notes (Item Number and Explanation):**