

P487.4

Submitter Email: pepool@ieee.org
Type of Project: New IEEE Standard
PAR Request Date: 07-Oct-2011
PAR Approval Date: 07-Dec-2011
PAR Expiration Date: 31-Dec-2015
Status: PAR for a New IEEE Standard

1.1 Project Number: P487.4
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for the Electrical Protection of Communication Facilities Serving Electric Supply Locations Through the Use of Neutralizing Transformers.

3.1 Working Group: Wireline Subcommittee (PE/PSC/SC6)

Contact Information for Working Group Chair

Name: Percy Pool
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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Power System Communications (PE/PSC)

Contact Information for Sponsor Chair

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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: 08/2014

4.3 Projected Completion Date for Submittal to RevCom: 05/2015

5.1 Approximate number of people expected to be actively involved in the development of this project: 10

5.2 Scope: This standard presents engineering design procedures for the electrical protection of communication facilities serving electric supply locations through the use of neutralizing transformers. Other telecommunication alternatives such as radio and microwave systems are excluded from this document

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

5.4 Purpose: This standard presents safe and reliable methods for the electrical protection of communication facilities serving electric supply locations through the use of neutralizing transformers

5.5 Need for the Project: This project is part of a reorganization of IEEE 487 in which the main document is broken down into a family of related documents (i.e. dot-series) segregated on the basis of technology. Each dot document will have portions of the existing 487-2007 moved into it. In the long run this reorganization will facilitate future updates by enabling the selective revision of smaller documents. Also, as new technologies are developed they may be readily incorporated into a new dot-series document (prepared in a shorter time frame) rather than having to revise the entire standard (longer time frame). The technology in standard 487.4 is mature and stable and future updates may not be necessary.

5.6 Stakeholders for the Standard: Power and Telecommunication engineers

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

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

7.2 Joint Development

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

8.1 Additional Explanatory Notes (Item Number and Explanation): 5.5: 487-2007 IEEE Recommended Practice for the Protection of Wire-Line Communication Facilities Serving Electric Supply Locations