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**Submitter Email:** atraut@ieee.org  
**Type of Project:** Revision to IEEE Standard C57.120-1991  
**PAR Request Date:** 21-Jan-2010  
**PAR Approval Date:** 25-Mar-2010  
**PAR Expiration Date:** 31-Dec-2014  
**Status:** PAR for a Revision to an existing IEEE Standard C57.120-1991  
**Project Record:** C57.120

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**1.1 Project Number:** PC57.120  
**1.2 Type of Document:** Guide  
**1.3 Life Cycle:** Full Use

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**2.1 Title:** Guide for Loss Evaluation of Distribution and Power Transformers and Reactors      **Old Title:** IEEE Loss Evaluation Guide for Power Transformers and Reactors

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**3.1 Working Group:** Performance Characteristics - Loss Evaluation Guide Working Group (PE/TR/PE/TR/PerfCharac-WGC57.120)

**Contact Information for Working Group Chair**

**Name:** Alan Traut  
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**Contact Information for Working Group Vice-Chair**

None

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**3.2 Sponsoring Society and Committee:** IEEE Power & Energy Society/Transformers (PE/TR)

**Contact Information for Sponsor Chair**

**Name:** James Smith  
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**Contact Information for Standards Representative**

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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:** 01/2013

**4.3 Projected Completion Date for Submittal to RevCom:** 01/2014

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**5.1 Approximate number of people expected to be actively involved in the development of this project:** 35

**5.2 Scope:** This guide covers the economic loss evaluation of liquid filled distribution and power transformers, dry type distribution and power transformers, and reactors.

**Old Scope:**

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

**5.4 Purpose:** This guide offers a methodology to determine and thereby specify the economic value of no-load, load, and auxiliary losses. The use of this guide allows manufacturers to tailor the design to the unique economic situation of each user, and allows the user to evaluate multiple designs.

**Old Purpose:**

**5.5 Need for the Project:** The guide provides a common methodology for transformer users to evaluate the economic benefit of alternate transformer designs and a common method to communicate those requirements to transformer manufacturers.

**5.6 Stakeholders for the Standard:** Transformer purchasers, users and manufacturers.

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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?: Do Not Know**

**Organization:**

**Technical Committee Name:**

**Technical Committee Number:**

**Contact Name:**

**Phone:**

**Email:**

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