P3001.4

Submitter Email: gary.fox@ge.com
Type of Project: New IEEE Standard
PAR Request Date: 02-May-2016
PAR Approval Date: 30-Jun-2016
PAR Expiration Date: 31-Dec-2020
Status: PAR for a New IEEE Standard

1.1 Project Number: P3001.4
1.2 Type of Document: Recommended Practice
1.3 Life Cycle: Full Use

2.1 Title: Recommended Practice for Estimating the Costs of Industrial and Commercial Power Systems

3.1 Working Group: Power Systems Design WG (IAS/TBCC/3001 WG)
Contact Information for Working Group Chair
Name: Gary Fox
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Contact Information for Working Group Vice-Chair
None

3.2 Sponsoring Society and Committee: IEEE Industry Applications Society/Technical Books Coordinating Committee (IAS/TBCC)
Contact Information for Sponsor Chair
Name: Daleep Mohla
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Contact Information for Standards Representative
None

4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 11/2017
4.3 Projected Completion Date for Submittal to RevCom
Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 05/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 10
5.2 Scope: This recommended practice describes how to estimate the costs of industrial and commercial power systems, both new and those undergoing expansion or modernization. This recommended practice is restricted to the development of the relative capital cost of industrial and commercial power distribution systems. While this document briefly points out considerations related to total cost or true cost, as well as some technical considerations, other standards and references should be referred to for a thorough analysis of these aspects of power distribution systems. This recommended practice is likely to be of greatest value to the power-oriented engineer with limited experience in this area. It can also be an aid to all engineers responsible for the electrical design of industrial and commercial power systems.

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: This document will not include a purpose clause.
5.5 Need for the Project: This new standard is part of a larger project to revise and reorganize the technical content of the 13 existing IEEE Color Books. Benefits of the project include, but are not limited to: 1) the elimination of duplicate material that now exists in the various color books, 2) the speeding up of the revision process by allowing Color Book content to be reviewed, edited and balloted in smaller segments, and 3) to accommodate more modern, efficient and cost effective physical publishing/distribution methodologies (i.e., the elimination of large and expensive to produce books). This recommended practice is likely to be of greatest value to the power-oriented engineer with limited experience with such requirements. It can also be an aid to all engineers responsible for the electrical design of industrial and commercial power systems.

5.6 Stakeholders for the Standard: Those individuals responsible for estimating the costs of industrial and commercial power systems. Also, owners/operators of industrial and commercial power systems and manufacturers of related equipment and components.

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

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8.1 Additional Explanatory Notes: