

P1591.2

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Type of Project: New IEEE Standard

PAR Request Date: 19-Oct-2010

PAR Approval Date: 08-Dec-2010

PAR Expiration Date: 31-Dec-2014

Status: PAR for a New IEEE Standard

1.1 Project Number: P1591.2

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Testing and Performance of Hardware for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable

3.1 Working Group: Working Group for Fiber Optic Standards (PE/PSC/SC5-WG)

Contact Information for Working Group Chair

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

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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: 05/2012

4.3 Projected Completion Date for Submittal to RevCom: 02/2013

5.1 Approximate number of people expected to be actively involved in the development of this project: 20

5.2 Scope: This standard covers the construction, mechanical and electrical performance, test requirements, environmental considerations, and acceptance criteria for qualifying hardware for use with all-dielectric self-supporting (ADSS) fiber optic cable.

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

5.4 Purpose: The purpose of this standard is to establish performance and testing specifications for hardware used on ADSS systems in order to standardize testing, simplify procurement specifications, and assure product quality.

5.5 Need for the Project: There have been substantial installations of ADSS (All Dielectric Self Supporting Fiber Optic Cables) around the world. The lack of a hardware standard, with application parameters is badly needed, due to the numerous ADSS cable failures caused by hardware misapplication.

5.6 Stakeholders for the Standard: manufacturers, installers, Power & telecommunication utilities, consultants, and government agencies.

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

7.3 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?: No

b. Harmonization

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

8.1 Additional Explanatory Notes (Item Number and Explanation): This standard is in the Working Group for discussions & preliminary outline. We expect a finished standard for IEEE balloting in 18 months.