**IEEE P802.24**

**Smart Grid TAG**

|  |  |
| --- | --- |
| Project | IEEE P802.24 Smart Grid Technical Advisory Group |
| Title |  |
| Date Submitted | 12 November 2013 |
| Source | San Diego, CA | Voice: Fax: N/AE-mail: last name at ieee dot org |
| Re: | CEN-CENELEC-ETSI Smart Grid Coordination Group (SGCG) First Group of Standards  |
| Abstract | This document is a result of the review of CEN-CENELEC-ETSI Smart Grid Coordination Group (SGCG) First Group of Standards (November 2012) by IEEE 802.24 Smart Grid TAG. The document includes suggestions to improve the document with respect to IEEE 802 standards. |
| Purpose | Provide feedback to CEN-CENELEC-ETSI SGCG on the First Group of Standards. |
| Notice | This document has been prepared to assist the IEEE P802.24. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.24. |

# Introduction

## First Set of Standards

CEN-CENELEC-ETSI Smart Grid Coordination Group (SGCG) published a First Set of Standards for Smart Grids[[1]](#footnote-2) in November 2012. IEEE 802.24 Smart Grid Advisor Group (TAG) became aware of the document in August 2013. IEEE 802.24 performed a review of the document from September 2013 through November 2013. The review showed that the SGCG had done an excellent job in summarizing many of the capabilities of IEEE 802 standards that are appropriate for Smart Grid applications.

IEEE 802.24 would like to provide suggestions to the SGCG to improve the information regarding IEEE 802 standards that are appropriate for Smart Grid applications.

## IEEE 802.24 Smart Grid TAG

 The IEEE 802.24 Smart Grid Technical Advisory Group (TAG):

* Acts as a liaison and point of contact with regulatory agencies, industry organizations, other SDOs, government agencies, IEEE societies, etc., for questions regarding the use of IEEE 802 standards in Smart Grid applications.
* Facilitate coordination and collaboration among IEEE 802 groups.
* Provides speakers as needed and available to present on IEEE 802 standards in Smart Grid applications.
* Develops white papers, guidelines, presentations and other documents that do not require a PAR that describe the application of IEEE 802 standards to Smart Grid applications.
* Acts as a resource for understanding IEEE 802 standards for certification efforts by industry bodies.

# Suggestions

1. Page 144

802.1x (sic) (have 802.1 review last paragraph on page 144 for correctness).

1. Page 161, 162

802.1, 802.3, 802.11 (needs to review), 802.16
802.15.4 (duplicate entry), add Industrial fieldbus, low end Intra substation, Intra substation, Inter substation, WAN, (802.15.4e frightfully stupidly small frames).
What is WAN definition? Does 802.16 and 802.22 meet this?
802.11 – add Enterprise, low end Intra substation, Intra substation, Inter substation
802.16 – add WAN, Inter substation
802.22 – needs to be added WAN, Inter substation

1. Page 162

Ask Bill Ash to verify the correct web page to find these standards.

1. Page 164

802.3, 802.3av1 – 802.3 to verify

1. Page 166

ISO/IEC 8802-3 (in titles of documents, doesn't affect us).

1. Page 175

802.1X, 802.1AE, 802.1AR (802.1 to check references). Do we add link layer security mentions from various 802 standards?

1. Page 207

802.1, 802.1AE, 802.1AR, 802.1X, 802.3, 802.3av, 802.11, 802.15.4, 802.16

Add 802.22

1. CEN-CENELEC-ETSI Smart Grid Coordination Group First Set of Standards, ftp://ftp.cen.eu/EN/EuropeanStandardization/HotTopics/SmartGrids/First%20Set%20of%20Standards.pdf [↑](#footnote-ref-2)