

P1366

Submitter Email: john.mcdaniel@nationalgrid.com

Type of Project: Revision to IEEE Standard 1366-2012

PAR Request Date: 29-Nov-2017

PAR Approval Date: 15-Feb-2018

PAR Expiration Date: 31-Dec-2022

Status: PAR for a Revision to an existing IEEE Standard

Root Project: 1366-2012

1.1 Project Number: P1366

1.2 Type of Document: Guide

1.3 Life Cycle: Full Use

2.1 Title: Guide for Electric Power Distribution Reliability Indices

Changes in title: ~~IEEE~~ Guide for Electric Power Distribution Reliability Indices

3.1 Working Group: Distribution Reliability Working Group (PE/T&D/Dist-1366_WG)

Contact Information for Working Group Chair

Name: Val Werner

Email Address: v.werner@ieee.org

Phone: 414-221-2519

Contact Information for Working Group Vice-Chair

Name: John Mcdaniel

Email Address: john.mcdaniel@nationalgrid.com

Phone: 315-452-7719

3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Transmission and Distribution (PE/T&D)

Contact Information for Sponsor Chair

Name: Daniel Sabin

Email Address: d.sabin@ieee.org

Phone: 978-927-8755

Contact Information for Standards Representative

Name: Michael Garrels

Email Address: michael.garrels@xcelenergy.com

Phone: 612.337.2316

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 01/2021

4.3 Projected Completion Date for Submittal to RevCom

Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 08/2021

5.1 Approximate number of people expected to be actively involved in the development of this project: 25

5.2 Scope: This guide identifies distribution reliability indices and factors that affect their calculation. It includes indices, which are useful today, as well as ones that may be useful in the future. The indices are intended to apply to distribution systems, substations, circuits, and defined regions.

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

5.4 Purpose: The purpose of this guide is twofold. First, it is to present a set of terms and definitions which can be used to foster uniformity in the development of distribution service reliability indices, to identify factors which affect the indices, and to aid in consistent reporting practices among utilities. Secondly, it is to provide guidance for new personnel in the reliability area and to provide tools for internal as well as external comparisons. In the past, other groups have defined reliability indices for transmission, generation, and distribution but some of the definitions already in use are not specific enough to be wholly adopted for distribution. Users of this guide should recognize that not all utilities would have the data available to calculate all the indices.

5.5 Need for the Project: Minor editorial changes and update several definitions.

5.6 Stakeholders for the Standard: Electric Utilities and Regulators.

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: