1. Record Nr. UNINA9910817585803321

Autore	de Riquer Permanyer Isabel
Titolo	La poesia medieval Europea / / Isabel de Riquer Permanyer
Pubbl/distr/stampa	Barcelona, Spain : , : Editorial UOC, , [2015] ©2015
Edizione	[First edition.]
Descrizione fisica	1 online resource (164 pages)
Collana	Quiero Saber
Disciplina	808.1
Soggetti	Poetry, Medieval
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	La originalidad y la calidad artística de los trobadores medievales han trascendido a su tiempo. Forjada entre los siglos XI y XIII, su poesía sobre temas universales como el amor o el lamento fúnebre, se lee hoy con el mismo deleite que se escuchaba entonces. Este libro nos acerca a algunos de sus máximos exponentes y nos deleita con pequeñas joyas de la lírica trobadoresca.

2.

Record Nr.	UNINA9910830408503321
Autore	Chowdhury Ali A.
Titolo	Power distribution system reliability : practical methods and applications / / Ali A. Chowdhury, Don O. Koval
Pubbl/distr/stampa	Hoboken [New Jersey] : , : John Wiley & Sons, , c2009 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2009]
ISBN	1-282-11389-5 9786612113895 0-470-45935-2 0-470-45934-4
Descrizione fisica	1 online resource (555 p.)
Collana	IEEE Press series on power engineering ; ; 48
Altri autori (Persone)	KovalD. O (Don Orest)
Disciplina	621.319 621.3191
Soggetti	Electric power systems - Reliability Electric power production
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- 1 OUTLINE OF THE BOOK -- 1.1 Introduction -- 1.2 Reliability Assessment of Power Systems -- 1.3 Organization of the Chapters -- 1.4 Conclusions -- References -- 2 FUNDAMENTALS OF PROBABILITY AND STATISTICS -- 2.1 Concept of Frequency -- 2.2 Important Parameters of Frequency Distribution -- 2.3 Theory of Probability -- 2.4 Probability Distribution Model -- 2.5 Sampling Theory -- 2.6 Statistical Decision Making -- 2.7 Conclusions -- References -- 3 RELIABILITY PRINCIPLES -- 3.1 Failure Rate Model -- 3.2 Concept of Reliability of Population -- 3.3 Mean Time to Failures -- 3.4 Reliability of Complex Systems -- 3.5 Standby System Modeling -- 3.6 Concepts of Availability and Dependability -- 3.7 Reliability Measurement -- 3.8 Conclusions -- References -- 4 APPLICATIONS OF SIMPLE RELIABILITY MODELS -- 4.1 Equipment Failure Mechanism -- 4.2 Availability of Equipment -- 4.3 Oil Circuit Recloser (OCR) Maintenance Issues -- 4.4 Distribution Pole Maintenance Practices -- 4.5 Procedures for Ground Testing -- 4.6 Insulators Maintenance -- 4.7 Customer Service Outages -- 4.8 Conclusions -- References -- 5

Feeder Configuration -- 14.5 Distribution Radial Feeder Configuration Serving Multiple Customers -- 14.6 Distribution Radial Feeder Configuration Serving Multiple Customers with Manual Sectionalizing -- 14.7 Distribution Radial Feeder Configuration Serving Multiple Customers with Automatic Sectionalizing -- 14.8 Distribution System Looped Radial Feeders -- 14.9 Conclusions -- References -- 15 VALUE-BASED PREDICTIVE RELIABILITY ASSESSMENT -- 15.1 Introduction -- 15.2 Value-Based Reliability Planning -- 15.3 Distribution System Configuration Characteristics -- 15.4 Case Studies -- 15.5 Illustrative Example System Problem and Its Reliability Calculations -- 15.6 Conclusions -- References -- 16 ISOLATION AND RESTORATION PROCEDURES -- 16.1 Introduction -- 16.2 Distribution System Characteristics -- 16.3 Case Studies -- 16.4 Major Substation Outages -- 16.5 Summary of Load Point Interruption Costs -- 16.6 Conclusions -- References -- 17 MESHED DISTRIBUTION SYSTEM RELIABILITY -- 17.1 Introduction -- 17.2 Value-Based Reliability Assessment in a Deregulated Environment -- 17.3 The Characteristics of the Illustrative Urban Distribution System -- 17.4 Discussion of Results -- 17.5 Feeder and Transformer Loading Levels -- 17.6 Bus and Feeder Tie Analysis.
17.7 Maintenance -- 17.8 Feeders with Nonfused (Lateral) Three-Phase Branches -- 17.9 Feeder Tie Placement -- 17.10 Finding Optimum Section Length -- 17.11 Feeder and Transformer Loading -- 17.12 Feeder Tie Cost Calculation -- 17.13 Effects of Tie Maintenance -- 17.14 Additional Ties for Feeders with Three-Phase Branches -- 17.15 Conclusions -- References -- 18 RADIAL FEEDER RECONFIGURATION ANALYSIS -- 18.1 Introduction -- 18.2 Predictive Feeder Reliability Analysis -- 18.3 Reliability Data and Assumptions -- 18.4 Reliability Assessment for an Illustrative Distribution Feeder -- 18.5 Alternative Improvement Options Analysis -- 18.6 Summary of the Illustrative Feeder Reliability Performance Improvement Alternatives -- 18.7 Conclusions -- References -- 19 DISTRIBUTED GENERATION -- 19.1 Introduction -- 19.2 Problem Definition -- 19.3 Illustrative Distribution System Configuration Characteristics -- 19.4 Reliability Assessment Model -- 19.5 Discussion of Results -- 19.6 Conclusions -- References -- 20 MODELS FOR SPARE EQUIPMENT -- 20.1 Introduction -- 20.2 Development of Probabilistic Models for Determining Optimal Number of Transformer Spares -- 20.3 Optimal Transformer Spares for Illustrative 72 kV Distribution Transformer Systems -- 20.4 Conclusions -- References -- 21 VOLTAGE SAGS AND SURGES AT INDUSTRIAL AND COMMERCIAL SITES -- 21.1 Introduction -- 21.2 ANSI/IEEE Standard 446--IEEE Orange Book -- 21.3 IEEE Standard 493-2007--IEEE Gold Book -- 21.4 Frequency of Voltage Sags -- 21.5 Example Voltage Sag Problem: Voltage Sag Analysis of Utility and Industrial Distribution Systems -- 21.6 Frequency and Duration of Voltage Sags and Surges at Industrial Sites: Canadian National Power Quality Survey -- 21.7 Scatter Plots of Voltage Sag Levels as a Function of Duration -- 21.8 Scatter Plots of Voltage Surge Levels as a Function of Duration -- 21.9 Primary and Secondary Voltage Sages Statistical Characteristics -- 21.10 Primary and Secondary Voltage Surges Statistical Characteristics.
21.11 Conclusions -- References -- SELECTED PROBLEMS AND ANSWERS -- Index.

Sommario/riassunto

A practical, hands-on approach to power distribution system reliability
As power distribution systems age, the frequency and duration of consumer interruptions will increase significantly. Now more than ever, it is crucial for students and professionals in the electrical power industries to have a solid understanding of designing the reliable and

cost-effective utility, industrial, and commercial power distribution systems needed to maintain life activities (e.g., computers, lighting, heating, cooling, etc.). This books fills the void in the literature by providing readers with everything they need to know to make the best design decisions for new and existing power distribution systems, as well as to make quantitative "cost vs. reliability" trade-off studies. Topical coverage includes: . Engineering economics. Reliability analysis of complex network configurations. Designing reliability into industrial and commercial power systems. Application of zone branch reliability methodology. Equipment outage statistics. Deterministic planning criteria. Customer interruption for cost models for load-point reliability assessment. Isolation and restoration procedures. And much more Each chapter begins with an introduction and ends with a conclusion and a list of references for further reading. Additionally, the book contains actual utility and industrial power system design problems worked out with real examples, as well as additional problem sets and their solutions. Power Distribution System Reliability is essential reading for practicing engineers, researchers, technicians, and advanced undergraduate and graduate students in electrical power industries.