

# Advanced Distribution Management can bridge the chasm on the road to grid modernization

Publisher: IEEE

Cite This

Cite This

PDF

<< Results

Bradley Williams ; Stephan Ao    All Authors

186  
Full  
Text Views

Export to

Collabratec

Alerts

Manage  
Content Alerts

Add to Citation  
Alerts

More Like This

Distributed power generation technology and the effect of it on the accident of large-scale power grids  
2008 China International Conference on Electricity Distribution  
Published: 2008

Energy Management and Power Control of a Hybrid Active Wind Generator for Distributed Power Generation and Grid Integration  
IEEE Transactions on Industrial Electronics  
Published: 2011

Show More

Abstract	
Document Sections	Downl PDF
» INTRODUCTION TO ADVANCED DISTRIBUTION MANAGEMENT	<b>Abstract:</b> Utilities are starting grid modernization programs by implementing advanced distribution network solutions that, in the aggregate, dramatically increase efficiency and pr... <a href="#">View more</a>
» HOW UTILITIES ARE USING ADVANCED DISTRIBUTION MANAGEMENT	<b>Metadata</b> <b>Abstract:</b> Utilities are starting grid modernization programs by implementing advanced distribution network solutions that, in the aggregate, dramatically increase efficiency and prepare the grid for a resumed period of growth. Winning support for these Advanced Distribution Management solutions may be faster when utilities portray the solutions-completely accurately-in terms of the customer and community issues they address rather than in the engineering terms most network operators find compelling. Advanced DMS solutions permit network engineers to respond clearly and directly to customer-generated requirements. They can help utilities place the investment and maintenance costs of meeting those requirements in the context of other utility business applications. This paper examines how utilities are using advanced DMS to help to break down the walls between a utility's operational and business departments. Thus creating a utility increasingly fine-tuned to its customers by leveraging a detailed network model to
» VISION FOR ADM AS THE SYSTEM-OF-SYSTEMS TO MANAGAGE DISTRIBUTED INTELLIGENCE	
» CONCLUSION	
Authors	

Metrics

More Like This

Date of Conference: 10-14 Sept. 2012INSPEC Accession Number: 13500442

Date Added to IEEE Xplore: 29 April 2013DOI: 10.1109/CICED.2012.6508733

ISBN Information:

Publisher: IEEE

ISSN Information:

Conference Location: Shanghai, China

Contents

INTRODUCTION TO ADVANCED DISTRIBUTION MANAGEMENT

Distribution grids need data and systems to drive safe and reliable operations. As SCADA, distribution automation, and outage management systems prove, dramatic improvement in grid efficiency and reliability can be achieved through increased real-time analytics driven by larger data volumes.

Authors

References

Keywords

Metrics

Sign in to Continue Reading.

IEEE Personal Account

CHANGE USERNAME/PASSWORD

Purchase Details

PAYMENT OPTIONS

VIEW PURCHASED DOCUMENTS

Profile Information

COMMUNICATIONS PREFERENCES

PROFESSION AND EDUCATION

TECHNICAL INTERESTS

Need Help?

US & CANADA: +1 800 678 4333

WORLDWIDE: +1 732 981 0060

CONTACT & SUPPORT

Follow

f

in

t

About IEEE Xplore | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | Sitemap | Privacy & Opting Out of Cookies

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2021 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.

IEEE Account

» Change Username/Password

» Update Address

Purchase Details

» Payment Options

» Order History

» View Purchased Documents

Profile Information

» Communications Preferences

» Profession and Education

» Technical Interests

Need Help?

» US & Canada: +1 800 678 4333

» Worldwide: +1 732 981 0060

» Contact & Support

About IEEE Xplore | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | Sitemap | Privacy & Opting Out of Cookies

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2021 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.

IEEE websites place cookies on your device to give you the best user experience. By using our websites, you agree to the placement of these cookies. To learn more, read our Privacy Policy.

Accept & Close

https://ieeexplore.ieee.org/document/6508733

2/2