

IEEE websites place cookies of the places of

Accept & Close

More Like This

Footnotes



INTRODUCTION

The electric utility is becoming more and more dependent on systems and data to drive safe and reliable operations. Electric utilities face a

challenge when they address local and regional mandates to increase use of distributed smart grid technologies including intermittent renewable, distribution based, distributed generation (DG). These DG systems are normally interfaced to the grid through power electronics and energy storage systems [1]. A systematic organization of these DG systems within a Microgrid forms autonomous electricity environments that can operate within a larger electric utility grid.

Authors	~
Figures	~
References	~
Keywords	~
Metrics	~
Footnotes	~

IEEE Personal Account
CHANGE USERNAME/PASSWORD

Purchase Details

VIEW PURCHASED DOCUMENTS

PAYMENT OPTIONS

COMMUNICATIONS PREFERENCES
PROFESSION AND EDUCATION

Profile Information

TECHNICAL INTERESTS

US & CANADA: +1 800 678 4333 WORLDWIDE: +1 732 981 0060

CONTACT & SUPPORT

Need Help?

Follow f in

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