you agree to the placement of these cookies. To learn more, read our Privacy Pontierence Location: Tumkur, Karnataka, mula

https://ieeexplore.ieee.org/document/10031654

Contents

I. Introduction

In realistic practice, the electric power generation by the electric utility companies is concerning the existing load demand as it is not possible to store power in bulk quantity. The momentary variations in load demand will be met by the variations in alternator mechanical input. The imbalance in load and supply on the electric utility companies is directly indicated by the frequency. The power imbalance will be compensated through the governor's action and the secondary controller and then the frequency might attains new value. The restoration of frequency is done by the secondary regulator through the change of alternator set-point. The alternator set-point must be varied automatically by the load frequency controller (LFC) [1].

Authors	•
Figures	~
References	~
Keywords	~
Metrics	~

Back to Results

More Like This

Effect of electric vehicles on load frequency control in interconnected thermal and hydrothermal power systems utilising CF-FOIDF controller IET Generation, Transmission & Distribution

Published: 2020

Load Frequency Control Using Golden Eagle Optimization for Multi-Area Power System Connected Through AC/HVDC Transmission and Supported With Hybrid Energy Storage Devices

IEEE Access Published: 2023

Show More

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

IEEE Personal Account Purcha

Purchase Details

Profile Information

Need Help?

Follow

f in 💆

CHANGE

USERNAME/PASSWORD

PAYMENT OPTIONS

VIEW PURCHASED DOCUMENTS

COMMUNICATIONS

PREFERENCES

678 4333

PROFESSION AND WOR

EDUCATION

WORLDWIDE: +1 732

US & CANADA: +1 800

981 0060

TECHNICAL INTERESTS CONTACT & SUPPORT

About IEEE *Xplore* | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | IEEE Ethics Reporting 🔀 | Sitemap | IEEE Privacy Policy

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

© Copyright 2023 IEEE - All rights reserved.

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

© Copyright 2023 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