CORRECTION

Open Access

Check for updates

Publisher Correction: Reactive power optimization of a distribution network with high-penetration of wind and solar renewable energy and electric vehicles

Biao Xu¹, Guiyuan Zhang¹, Ke Li^{1*}, Bing Li¹, Hongyuan Chi², Yao Yao¹ and Zhun Fan¹

Correction: Protection and Control of Modern Power Systems (2022) 7:51 https://doi.org/10.1186/s41601-022-00271-w

Following the publication of original article [1], the below duplicate content mistakenly appeared in two other places due to a typesetting error.

where *O* means the set of operating generation units at the cth control interval, and $R_j(c)$ is the downward ramp rate of the jth generation unit. $\Delta P_j^{\min}(c)$ represents the minimum active output of the jth generation unit in the cth control interval, and $P_D(c+1)$ means the total active power demand of the power grid at the (c + 1)th interval. The original article [1] has been corrected. The publisher apologizes for the inconvenience caused.

Published online: 15 May 2023

Reference

1. Xu, B., et al. (2022). Reactive power optimization of a distribution network with high-penetration of wind and solar renewable energy and electric vehicles. *Protection and Control of Modern Power Systems, 7,* 51.

The original article can be found online at https://doi.org/10.1186/s41601-022-00271-w.

*Correspondence: Ke Li

ericlee@stu.edu.cn ¹ Shantou University, Shantou, China

² The AI Application and Innovation Center of China Mobile

Communications Group Guangdong Co., Ltd., Shantou, China



© The Author(s) 2023. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit http://creativecommons.org/licenses/by/4.0/.