

Study on a novel continuous longwall mining and partial filling method for environmental protection and material self-sufficiency



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- ☐ Accept
☒ Minor Revision
☐ Major Revision
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Confidential Comments to the Editor

ΩSpecial Characters

***Comments to the Author**

ΩSpecial Characters

+ Controlling rock pressure by filling method is always an effective solution to ensure technical aspects in exploiting coal mines by underground mining method. This is the method of controlling rock pressure that causes the least movement and deformation to the strata area around the mining area (longwall). This is the most important basis for assessing the impact of mining on the works around the mining area. + In this paper, the authors have built and analyzed similar simulation models and numerical simulation models of the mining work of longwall caving and filling mining. From there, they compared the rock pressure data, which is also evidence to clearly demonstrate the differences between the two methods of rock pressure control by caving and filling mining. Through the article, it shows that the group of authors spent a lot of time and effort to complete it. Therefore, this is a highly scientific and practical research work with reliable and complete data. Some discussions: 1. Can the mine pressure control method proposed by the author in the article be applied to all types of mining technology? (fully mechanized mining technology; drilling and blasting mining technology...); 2. Has the group of authors mentioned the issue of economic costs for this method? (readers know that the rock pressure control method by filling mining is often quite expensive, so it cannot be applied in all cases); [If possible the author could add to the conclusion of the article] 3. According to the group of authors, in what conditions is the rock pressure control method by filling mining usually applied? An example can be given to illustrate this.

Thank you for submitting your review of Manuscript ID ESE-2024-06-0393 for Energy Science & Engineering [email ref: ENR-SW-6-f]

WA

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Tới: Vu Trung Tien

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CN 25/08/2024 6:01 CH

25-Aug-2024

Dear Dr. Tien:

Thank you for reviewing manuscript # ESE-2024-06-0393 entitled "Study on a novel continuous longwall mining and partial filling method for environmental protection and material self-sufficiency" for Energy Science & Engineering.

On behalf of the Editors of Energy Science & Engineering, we appreciate the voluntary contribution that each reviewer gives to the Journal. We thank you for your participation in the online review process and hope that we may call upon you again to review future manuscripts.

Sincerely,

Dr. Martin Graf-Utzmann
Deputy Editor-in-Chief
Energy Science & Engineering Editorial Office
ese@wiley.com

 Trả lời

 Chuyển tiếp