

to have a claim to; invite; arouse; stimulate. a matter which challenges attention. to assert that (a vote) is invalid. to assert that (a voter) is not qualified to vote. to expose an organism to a specific substance ...

Traditional electromechanical relays rely on fixed settings that cannot adapt to variable grid conditions. This often results in miscoordination, delayed fault clearing, or unnecessary tripping, ...

Next, this framework is applied to two representative line-protection schemes - line distance protection and line differential protection - for quantitative evaluation under PEDG conditions.

He has taken on some exciting new challenges with this job. Liszt's piano music presents an enormous technical challenge. She could always be counted on when a challenge arose. The army faced the ...

So we can say it's hard for us to know, we know that challenges are underreported, but we don't know by how much.

The study aims to provide an in-depth exploration of the value of relay protection technologies in modern power systems and to offer references for related research and practical ...

Abstract--This paper discusses the impact of inverter-based resources (IBRs) in traditional digital protection relays applied in the interconnection transmission line between the IBR and bulk power ...

Practical case studies demonstrate its effectiveness, while key challenges such as system stability, information security, and cross-regional coordination are discussed.

Its popularity has grown with motivational culture, where overcoming challenges is celebrated in social media, books, and speeches. Variants of "Challenge" Variants of "challenge" ...

Define challenges. challenges synonyms, challenges pronunciation, challenges translation, English dictionary definition of challenges. n. 1. a. A call to engage in a contest, fight, or competition: a ...

Abstract: The increasing penetration of new energy into the power system is accompanied by a series of challenges that traditional relay protection systems face: fast fault detection and decreased ...

Find 72 different ways to say CHALLENGES, along with antonyms, related words, and example sentences at Thesaurus .

IPA guide Other forms: challenged; challenges; challenging A challenge is something that puts you to the test -- like running your first marathon or reading War and Peace.

Challenging for distance protection relays o Saturation in conventional P-class CT"s o Initial simulations show large induced currents with duration $>100\text{ms}$ in nearby AC-line o Distance relay functions not ...

transitive verb 1 : to dispute especially as being unjust, invalid, or outmoded : impugn new data that challenges old assumptions

This paper offers a perspective on the future trends and research directions of protection technology for power grids with large-scale renewable power generation.

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