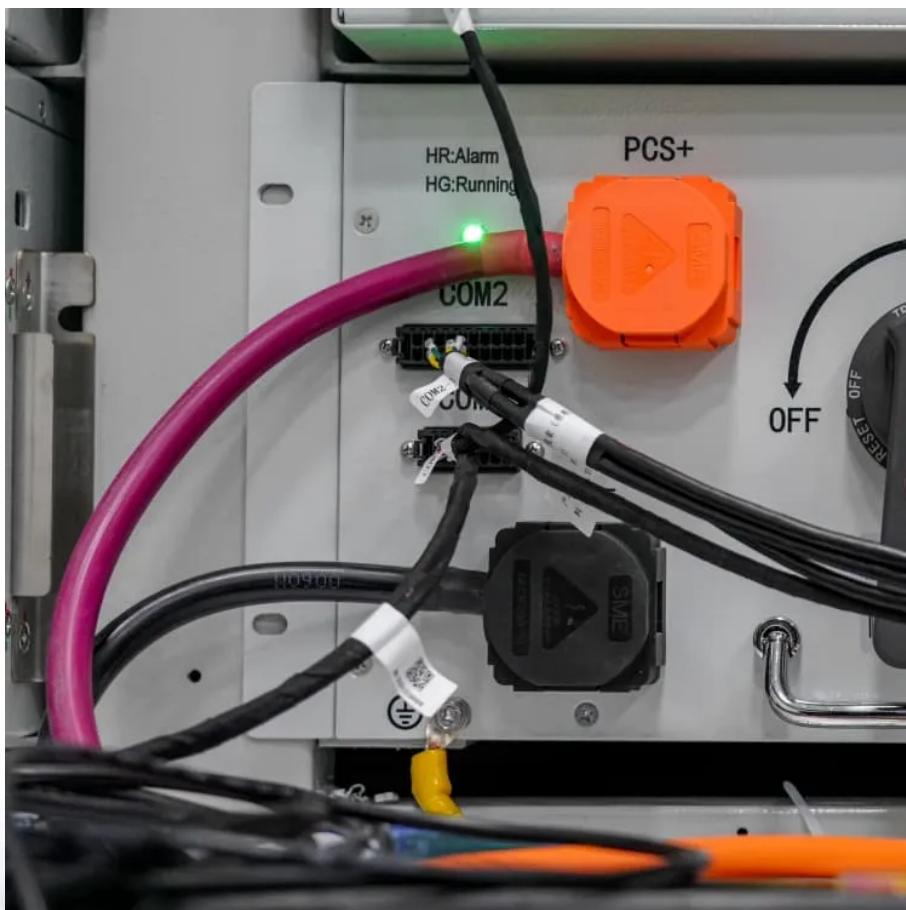




BUHLE POWER

The safe distance between energy storage power station and substation





Overview

Is there a safe distance from an electrical substation?

Ultimately, there's no one-size-fits-all safe distance from an electrical substation. Thus, understanding potential risks and influencing factors is essential. Therefore, informed decisions based on individual circumstances are crucial. Finally, whether using guidelines, surveys, or other measures, prioritize your safety.

How far should a substation be from a house?

Thirdly, while a universally accepted safe distance doesn't exist, guidelines are available. Specifically, in the UK, the National Grid recommends a minimum of 2-10 metres for homes and small buildings depending on the size and the type of the substation. Also, 30 metres is advised for sensitive facilities like schools and hospitals.

What factors affect a safe distance from an electrical substation?

Secondly, several factors influence the safe distance from an electrical substation. Therefore, these include the substation's type and size, its electricity handling capacity, and your home's proximity. Then, generally, larger substations with higher voltage pose greater potential EMF exposure risks.

How long should a substation be?

Specifically, in the UK, the National Grid recommends a minimum of 2-10 metres for homes and small buildings depending on the size and the type of the substation. Also, 30 metres is advised for sensitive facilities like schools and hospitals. Furthermore, these guidelines offer a starting point for assessing safety.



The safe distance between energy storage power station and substation



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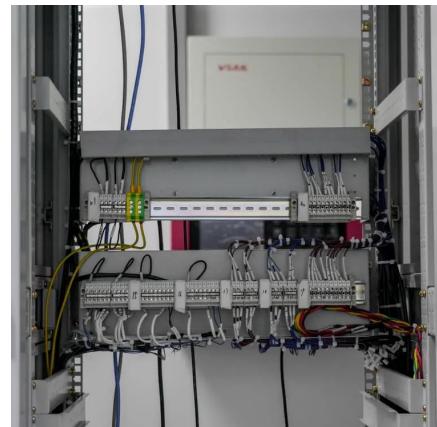


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