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This paper, after assessing and ranking power shortage causes in Cameroon's northern Interconnected Grid, summarises the impact of power shortage on poor households and district hospitals.

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both load shedding and the pollution caused by conventional power plants that burn fossil fuels. In order to improve the interconnected Northern Cameroon grid, researchers looked into the possibility of using the permanently acces- sible sun and wind at the Waib&#233;-Lokoro-Kalfou location in Cameroon.

However, the Northern Interconnected Network (NIN) has become almost obsolete due to load shedding (Bello-Pierre et al., 2023) and blackouts (Kitmo et al., 2021). In ...

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There are currently two main family of green power backup solutions on the Cameroonian market: - Power backup based on offline inverters; - Power backup based on online inverters.

However, the Northern Interconnected Network (NIN) has become almost obsolete due to load shedding (Bello-Pierre et al., 2023) and blackouts (Kitmo et al., 2021). In most of Cameroon's ten regions, thermal power stations have been installed to back up the grid during blackouts.

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