

# **Base station remote power management**





## Overview

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Do small cell base stations have a power consumption problem?

Abstract: 5G networks with small cell base stations are attracting significant attention, and their power consumption is a matter of significant concern. As the increase of the expectation, concern for the power consumption problem arises. To solve the problem, we propose a new dynamic power management method.

Why do remote sites need power issues?

Power issues are the most fundamental item that network operators need to monitor and manage at remote sites. The ability to remotely monitor and reboot equipment contributes to both network resilience and network efficiency.

What is a telecom site automation solution?

A telecom site automation solution can centralize the control and management of generators of all makes and models across telecom sites. Operational data can gather fuel levels, fuel level changes that indicate theft, generator run times, generator battery voltages, and other parameters. Direct control can be taken to start generators remotely.

Can a generator be controlled remotely?

Direct control can be taken to start generators remotely. This ability can exercise generators immediately before a weather event like a hurricane to locate any generators that fail to start. Alternately, this same ability can suppress generator exercising under certain regulatory issues like poor air quality or noise ordinances.



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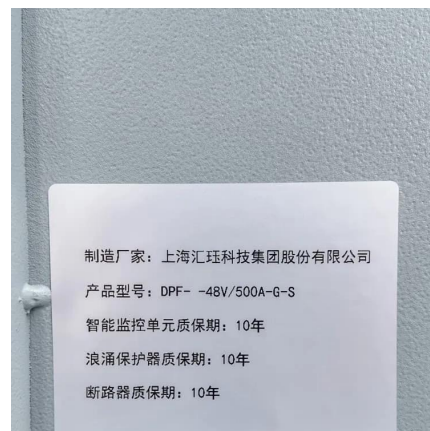
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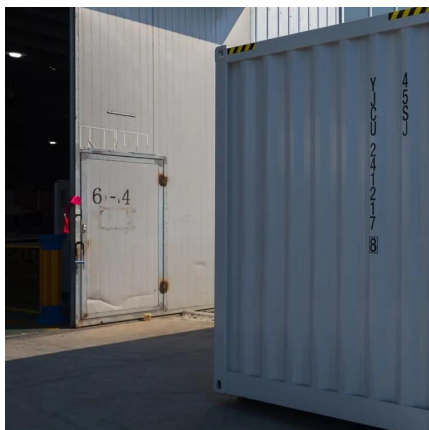
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