

## ContainerPower Energy Solutions

# Ukraine s power supply supports 5G base stations



## Overview

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Will Latvia support Ukraine's 5G network?

Support for the development of its 5G network is also coming from Latvia. During the 5G Techritory event in October, which was held in Riga, Latvia, Ukraine signed an MoU with the Latvia government, which will see the latter provide support to rebuild Ukraine's telecoms infrastructure.

Is Russia stalling Ukraine's 5G plans?

While many operators across Europe have focused on launching 5G networks, the same can't be said for Ukraine. Speaking to DCD, Stanislav Prybytko, director general of the directorate for mobile broadband for Ukraine's Ministry of Digital Transformation, explains that the war with Russia has stalled the country's 5G goals.

How many base stations are there in Ukraine?

"We've had more than 10 percent of our sites completely or partially destroyed," explains Sasha Ananyev, head of the network operation department at Vodafone Ukraine. That's roughly 1,400 base stations, and does not include base stations located in Donetsk and Luhansk, areas that have been occupied by Russia since 2014.

Can 5G enable new power grid architectures?

This report on bringing 5G to power explores how the shift to renewables creates opportunities and challenges through connected power distribution grids.

What percentage of Ukraine's base stations have been destroyed?

His view was shared by another Ukrainian telecoms provider, Lifecell, which also reported around 10 percent of its base stations being destroyed at its peak, at around 900 sites.

How can 3GPP 4G & 5G improve power grid management?

To meet changing patterns in power grid management, utilities companies are now employing 3GPP 4G and 5G network solutions to strengthen the security and resilience of power grids and boost operational efficiency.

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