

Prague Power Company 5G base station





Overview

Is this Europe's first private 5G mobile phone network?

Mobile phone giant Vodafone and Czech nuclear operator ČEZ have introduced what they say is Europe's first private 5G mobile phone network at a nuclear power plant.

Where is Vodafone launching a 5G mobile private network?

Vodafone has launched a 5G mobile private network (MPN) at Temelín Nuclear Power Plant in Czechia – the first of its kind in Europe – for the power generation conglomerate ČEZ Group. As part of a pilot phase, Vodafone's 5G MPN covers the power plant's outdoor space, as well as selected areas of a production unit.

Which MNOs have 5G coverage in Prague?

The three MNOs, in cooperation with the Prague Public Transit Company (DPP) and CETIN, have also deployed 5G coverage in all stations across the Prague metro network. Each MNO has a coverage map available on its website.

Does Czech Republic have a 5G network?

The public 5G networks in the Czech Republic currently operate on a non-standalone (NSA) 5G architecture, which is built on top of the existing 4G LTE infrastructure. To date, standalone (SA) 5G networks have been deployed primarily as private "campus" solutions.



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Vodafone Deploys Private 5G Network at Czech Nuclear Power ...

Sep 20, 2024 · Vodafone Czech Republic recently deployed a 5G Mobile Private Network (MPN) at the Temelin Nuclear Power Plant operated by Czech National Power (CEZ). This private 5G ...

[5G regulation and law in the Czech Republic](#)

Mar 3, 2025 · The three MNOs, in cooperation with the Prague Public Transit Company (DPP) and CETIN, have also deployed 5G coverage in all stations across the Prague metro network. ...



[Vodafone and CEZ pilot private 5G network at ...](#)

Sep 2, 2024 · Mobile phone giant Vodafone and Czech nuclear operator CEZ have introduced what they say is Europe's first private 5G mobile phone ...

[Vodafone Unveils Europe's First 5G MPN at ...](#)

Sep 2, 2024 · Vodafone has launched a 5G mobile private network (MPN) at Temelín Nuclear Power Plant in Czechia - the first of its kind in Europe - ...



[Vodafone deploys private 5G at Czech nuclear plant](#)

Sep 9, 2024 · Vodafone has deployed an all-edge private 5G network at the Temelín nuclear plant in Czechia for power generation conglomerate CEZ Group.



Vodafone pilots 5G for nuclear power plant in Czech Republic

Sep 4, 2024 · In what is claimed to be a first for Europe, service provider Vodafone and Czech power generation conglomerate CEZ Group have introduced what they say is Europe's first ...



[Vodafone Unveils Europe's First 5G MPN at Nuclear Power ...](#)

Sep 2, 2024 · Vodafone has launched a 5G mobile private network (MPN) at Temelín Nuclear Power Plant in Czechia - the first of its kind in Europe - for the power generation ...





[5G Networks , Český telekomunikační úrad](#)

The power radiated by mobile networks base stations transmitters in bands, which are (or will be) used for 5G technologies, is rather low (power delivered to 2G-4G base stations regular ...



[Vodafone deploys 5G MPN at nuclear power plant in ...](#)

Aug 29, 2024 · We are the first nuclear power plant in Europe to actually test a private 5G network, while other European operators work mostly with 4G." The results of the pilot project, ...

[Prague Stock Exchange](#)

"We are the first nuclear power plant in Europe to actually test a private 5G network, while other European operators are working mostly with 4G. This is an exceptional feat in the world as ...



Temelín Goes 5G / Czech Nuclear Station Gets 'First Of Kind' ...

Sep 2, 2024 · British multinational telecommunications company Vodafone has launched a 5G mobile private network (MPN) at the Temelín nuclear power station in the Czech Republic in ...



[Vodafone and CEZ pilot private 5G network at Temelin ...](#)

Sep 2, 2024 · Mobile phone giant Vodafone and Czech nuclear operator CEZ have introduced what they say is Europe's first private 5G mobile phone network at a nuclear power plant.



[Vodafone Deploys Private 5G Network at ...](#)

Sep 20, 2024 · Vodafone Czech Republic recently deployed a 5G Mobile Private Network (MPN) at the Temelin Nuclear Power Plant operated by ...

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