

## SolarTech Power Solutions

# Canada has 5G base stations for communications



## Overview

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### Why is 5G so popular in Canada?

Prior to 5G, the primary focus of mobile wireless network operators has been to extend mobile wireless connectivity to an increasing number of Canadians over an expanding geographical footprint. This resulted in 4G/LTE networks being available to 99% of Canadians where they live.

### How will 5G Change Canada?

Deployment of 5G will be different than it was for previous generations of wireless technology. Prior to 5G, the primary focus of mobile wireless network operators has been to extend mobile wireless connectivity to an increasing number of Canadians over an expanding geographical footprint.

### What is the 5G Canada Council?

Subscribe to our newsletter. The 5G Canada Council is a multistakeholder Council with a membership base that includes Canadian wireless carriers, network equipment providers, academia and other product and service providers in the 5G ecosystem. White papers, reports, and other sources of information about 5G.

### How are 5G deployments different in the US and Canada?

5G deployments in the US and Canada differ on a few points. US service providers have deployed 5G in low-, mid- and high-band spectrum, whereas Canadian deployments are in low- and mid-band spectrum. The US has allocated 150 MHz of unlicensed/shared CBRS spectrum (3.55–3.70 GHz) and Canada 80 MHz (3.90–3.98 GHz).

### How will 5G affect rural connectivity in Canada?

Some Canadian operators are already providing rural connectivity through fixed wireless technologies, and 5G will enable the expansion of these services, utilizing technologies such as MIMO and the additional mid-band

spectrum that will become available through the upcoming 3.5GHz auction in 2020.

Does Telus have a 5G network in Canada?

Telus is also launching its own 5G standalone (SA) network across Canada which will offer lower latency and faster speeds. Telus was named the Top Network in games, voice app, and download experience for 2023 by an independent third-party and Canada's Best Mobile Carrier by PC Magazine. Go to provider's page for plans and more

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### Contact Us

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