

# **Israel 5G base station electricity subsidy**





## Overview

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What 5G products do Israeli companies offer?

Israeli companies offer a wide range of 5G products like in-premises mobile cloud solutions, data analytics for communications and media service providers, and telecom access solutions and products.

Does 5G affect EMF levels in Israel?

Within the context of 5G development in Israel, the Ministry of Communications has analysed the recommendations on the relationship between the network and EMF levels and announced that it will act, if necessary, to ensure the rollout of 5G networks in the country while maintaining standards of public health.

How much does Israel pay for a mobile phone license?

Cellcom, Israel's largest mobile phone operator which is in the process of acquiring rival Golan Telecom, stated it will pay 115 million NIS (28.7 million EUR) in license fees. Partner Communications, the second-largest mobile operator, stated it will pay, together with HOT mobile, 62.3 million NIS (15.5 million EUR) for its frequencies.

How does 5G work?

In the context of 5G, the Ministry of Environmental Protection determines the maximum power output of broadcast centres so that radiation exposure levels are at least 10 times less than the radiation exposure thresholds defined by the World Health Organization (WHO) as being harmless to the general population.<sup>41</sup>

Does Israel need a fibre optic network?

While other nations in the European region are operating fibre optic networks, Israel relies on infrastructure rolled out before 2010, which presents consequences for the capacity of data trafficking as more users engage with



ICTs and as users require increasingly high data rates.

What is the average broadband speed in Israel?

In 2019, the number of fixed-broadband subscriptions per 100 inhabitants was 29.1212 with an averaged fixed-network access speed of 99.7 Mbps.<sup>13</sup> Israel has a significant household Internet penetration rate with nearly all of them being broadband connections.<sup>14</sup> In terms of technology, DSL represents the largest market share of broadband



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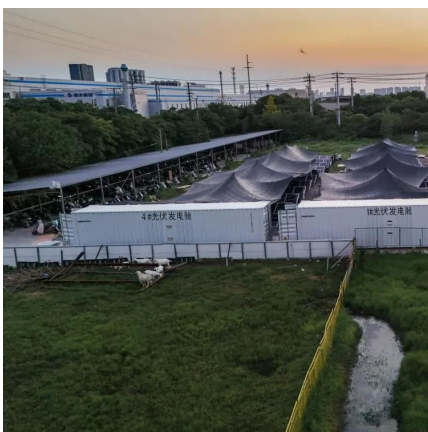
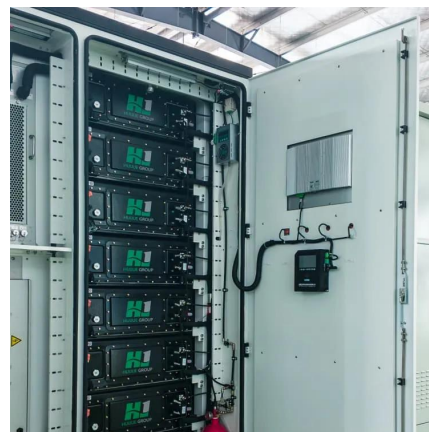


### [The Ministry of Communications and the Israel Innovation ...](#)

The Ministry of Communications and the Israel Innovation Authority today (Tuesday) published the Research Committee's decisions to approve the provision of grants for the sixth round of ...

### [Dynamic Power Management for 5G Small Cell Base Station](#)

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 Ministry of Communications is issuing the second tender for the 5G**

In order to respond to the various needs of cellular communication in Israel, the Ministry will allocate, to the cellular companies that win the tender, additional and advanced ...

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