

## SolarTech Power Solutions

# Armenia Communication Base Station solar Power Generation System



## Overview

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Modernization is an ongoing process in Viva-MTS. 4G and 3G networks, as well as the only 5G network in Armenia are continually developing. Yet, in the 21st century, network modernization requires implementing environmental and energy-saving solutions. Here are the achievements of Viva-MTS in using.

The communication base station installs solar panels outdoors, and adds MPPT solar controllers and other equipment in the computer room. The power generated by solar energy is used by the DC load of the base station computer room, and the insufficient power is supplemented by energy storage.

The IEA has discontinued providing data in the Beyond 2020 format (IVT files and through WDS). Data is now available through the .Stat Data Explorer, which also allows users to export data in Excel and CSV formats. Renewable energy resources, including hydro, represented 7.1% of Armenia's energy.

Armenia's installed solar capacity has reached 1 GW, and the government is likely to replace its subsidy program for standalone solar projects with one focused on hybrid and storage systems, according to the nation's infrastructure ministry. Image: Benoît Prieur, Wikimedia Commons Armenia has.

PanARMENIAN.Net - Viva-MTS has been actively applying new technological solutions to make exploitation of mobile base stations more efficient. The solar energy-based green tech is widely applied both for modernization of

mobile communication infrastructures and social projects. Application of solar.

Being a clean and renewable energy source, solar energy emits much less greenhouse gas compared to the power generation by fossil fuels. This not only helps in mitigating the effects of climate change, but it also has large environmental benefits that are in sync with the efforts being taken.

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