

## Kongres Container

# Maldives Electricity Industry targets 5G base stations



## Overview

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Does Maldives need a 5G network?

While Maldives has made substantial progress with mobile penetration and coverage - with fiber-to-the-home (FTTH) coverage of 87 percent and mobile market penetration of 125 percent, and the first in South Asia to launch 5G connectivity - there is a need to improve quality, reliability, and affordability.

What is the Maldives energy policy?

The successful implementation of the Maldives Energy Policy will not only help the country to mitigate the impacts of climate change but also position it as a leader in the global transition to a sustainable energy future. Objective: Increase energy efficiency in the supply and demand side.

Does Maldives have international connectivity?

International connectivity is a key element of Maldives' digital infrastructure, but there is currently limited connectivity to major international cable systems. The existing network connects to Sri Lanka and India with reliance on other service providers for onward connectivity.

Should the Maldives improve mobile connectivity?

"Connectivity range in the Maldives needs to be improved, especially across the islands," said Mohammad Yaeesh, who was just mingling with his phone while at the Artificial Beach, a man-made beach in Malé - no less enticing than the natural beaches across the country. "Mobile connectivity is also kind of expensive," he added.

How to evaluate a 5G energy-optimised network?

To properly examine an energy-optimised network, it is very crucial to select the most suitable EE metric for 5G networks. EE is the ratio of transmitted bits for every joule of energy expended. Therefore, while measuring it, different perspectives need to be considered such as from the network or user's point

of view.

Why should Maldives invest in a digital economy?

“With the Maldives’ small size and dispersed population, the digital economy is a top priority for the country to diversify its key economic drivers of growth,” said Hector Gomez Ang, IFC's Regional Director for South Asia.

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