

# Oman Communications 5G Base Station Status

Accordingly, this work proposes a novel framework for energy-efficient solar-powered base stations for the Oman site, specifically for off-grid locations where fuel transportation for diesel

The Sultanate of Oman has successfully completed the full shutdown of its 3G networks, transitioning entirely to more advanced 4G and 5G technologies. This process began in the third quarter of 2024, ...

Oman has officially switched off its entire 3G mobile network and transitioned entirely to 4G and 5G technology usage, according to the Telecommunications Regulatory Authority. The project ...

The telecommunications sector in the Sultanate of Oman has completed the full shutdown of its third-generation (3G) networks, marking a significant upgrade to fourth-generation (4G) and fifth ...

These developments indicate that Oman is actively expanding its 5G infrastructure, with a clear focus on rolling out 5G SA networks to enhance service offerings and support future ...

The Telecommunications Regulatory Authority (TRA) has announced a significant increase in the number of 5G stations across the Sultanate of Oman, marking a 298 percent growth ...

As a result, Oman has achieved 99 per cent 4G coverage and 90 per cent 5G coverage. Additionally, the move has generated annual energy savings exceeding two million kilowatt-hours.

Increased investment and network improvements led to a rise in Oman's ranking in Ookla's Speedtest Global Index. Operator investments grew significantly between 2021 and 2025, ...

These data can be visualized by applying filters by technology (no coverage, 2G, 3G, 4G, 4G+, 5G) over a configurable period (only the last 2 months for example). It's a great tool to track the deployment of ...

As a result, Oman now boasts 99% national coverage for 4G and 90% for 5G services. The spectrum released from the 3G shutdown is being redirected to support more advanced mobile ...

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