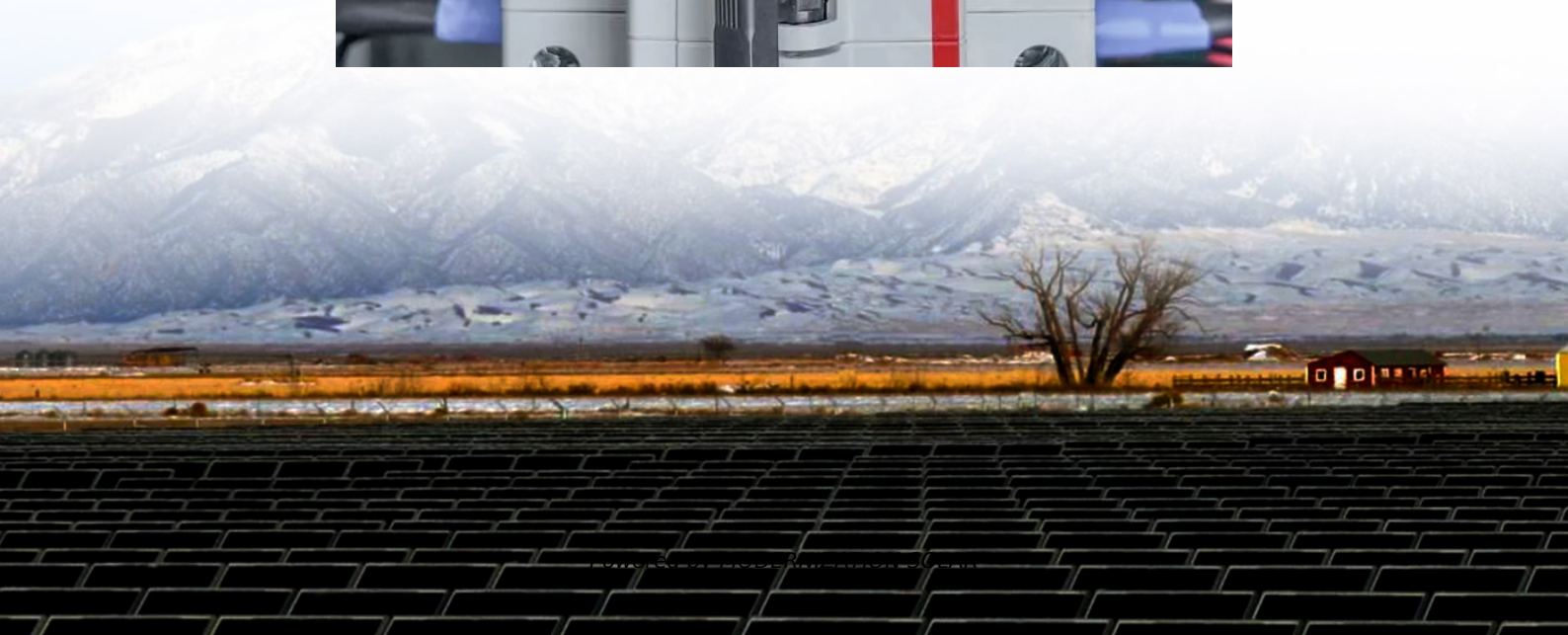


# Phnom Penh 5g nuclear power base station





## Overview

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Why is 5G important for nuclear power plants?

Abstract: As fifth-generation (5G) communications continues to revolutionize the future of wireless technology, there is growing demand to utilize its benefits for critical infrastructures such as nuclear power plants (NPPs).

How will Cambodia prepare for a 5G rollout?

As Cambodia prepares for the official rollout of 5G technology, the focus remains on enhancing digital infrastructure, securing necessary spectrum allocations, and addressing any challenges that arise.

Does Cambodia have 5G?

A major component of 5G deployment in Cambodia is the 3.5 GHz frequency band, which is currently unused by 2G, 3G, and 4G networks. This mid-band frequency provides coverage similar to the 2.6 GHz band and contributes significantly to the expected 5G-driven GDP growth by 2030.

Can 5G security capabilities be architecturally deployed in nuclear applications?

However, a deep investigation is needed for the availability and security of 5G communications under various NPP operational scenarios. This article examines how 5G security capabilities can be architecturally deployed in nuclear applications so as to replace existing communication infrastructures.



## Phnom Penh 5g nuclear power base station

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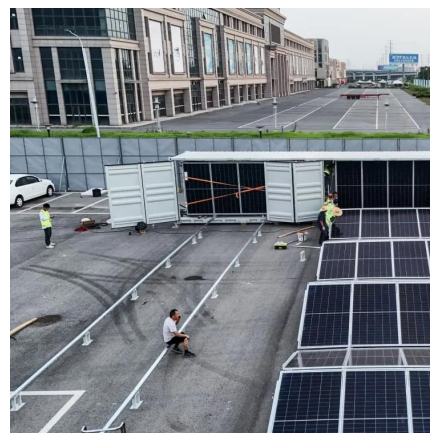
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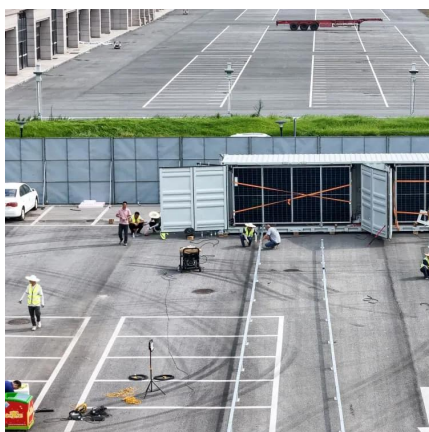
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