

# North Korea uses tile-type solar panels





## Overview

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How many solar panels are there in North Korea?

The Korea Energy Economics Institute in Seoul estimates that 2.88mn solar panels, mostly small units used to power electronic devices and LED lamps, are now in use across North Korea, accounting for an estimated 7 per cent of household power demand.

Can solar power solve North Korea's energy problems?

Jeong-hyeon, a North Korean escapee, told the Financial Times that many residents in Hamhung, the second-most populous city, “relied on a solar panel, a battery and a power generator to light their houses and power their television”. But solar power is still only a partial solution to the country’s energy woes.

Are solar panels a real thing in North Korea?

Larger solar installations have also sprung up at factories and government buildings over the past decade. Jeong-hyeon, a North Korean escapee, told the Financial Times that many residents in Hamhung, the second-most populous city, “relied on a solar panel, a battery and a power generator to light their houses and power their television”.

Does North Korea need solar power?

North Korea is increasingly turning to solar power to help meet its energy needs, as the isolated regime seeks to reduce its dependence on imported fossil fuels amid chronic power shortages.



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This report, "North Korea's Energy Sector," is a compilation of articles published on 38 North in 2023 that surveyed North Korea's energy production facilities and infrastructure.

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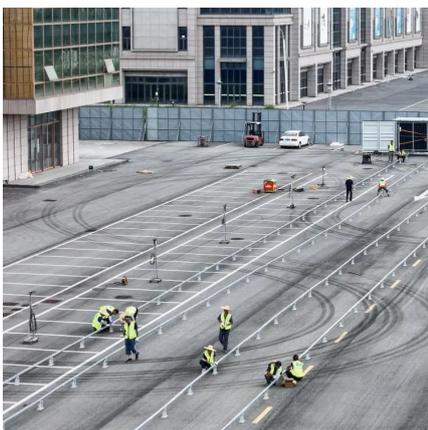
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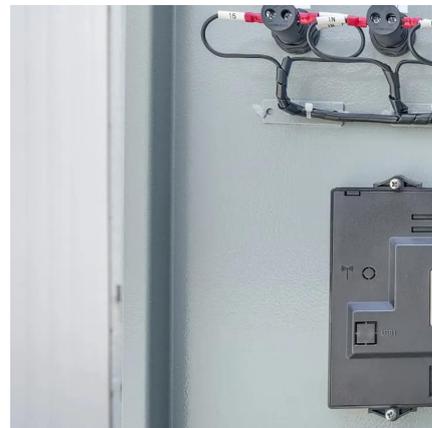
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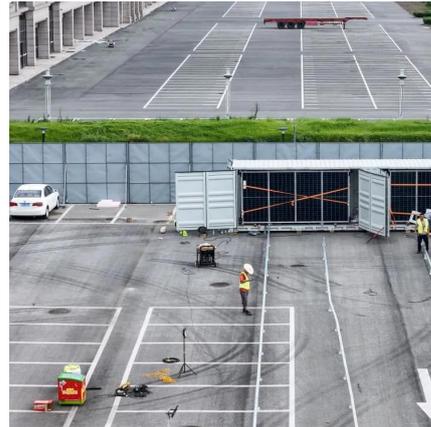
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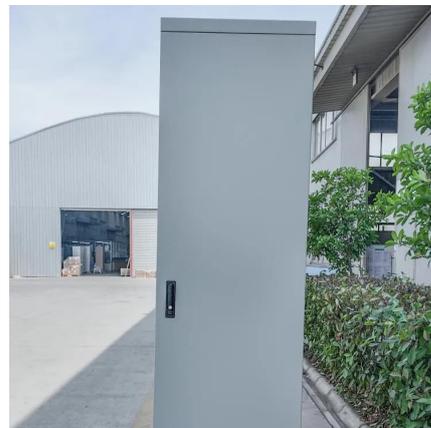
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