



MODERNIZATION SOLAR

# Ukraine solar power generation system





## Overview

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Can solar power plants help Ukrainian society?

“Solar power plants can help Ukrainian society,” Sokolovskyi says, by giving energy independence to private citizens and businesses. Moreover, support for critical infrastructure like hospitals, clinics and schools – the kind of work Semenyshyn’s Repower Ukraine does – often comes from PV and energy storage combined.

How much solar power does Ukraine have in 2024?

Figures from the Solar Energy Association of Ukraine (SEAU) earlier this year showed that the country added around 850MW of solar PV capacity in 2024, the majority of which came from self-consumption systems installed by businesses. It’s “become a trend”, Semenyshyn says.

Why are Ukrainian businesses turning to self-consumption solar PV systems?

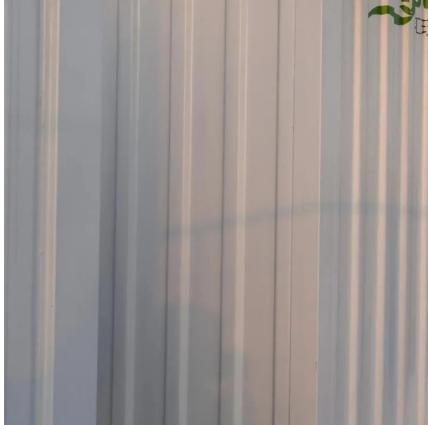
Following three years of bombardments and damage to its energy infrastructure, Ukrainian businesses are turning to self-consumption solar PV systems to keep the lights on.

How much electricity does Ukraine generate?

Ukraine generates 153,552,460 MWh of electricity as of 2016 (covering 115% of its annual consumption needs). Ukraine consumed 133,173,460 MWh of electricity in 2016. Ukraine imported 77,000 MWh of electricity in 2016 (covering 0% of its annual consumption needs). Ukraine exported 3,830,000 MWh of electricity in 2016.



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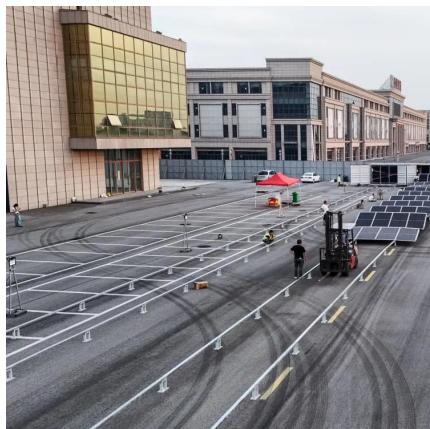
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