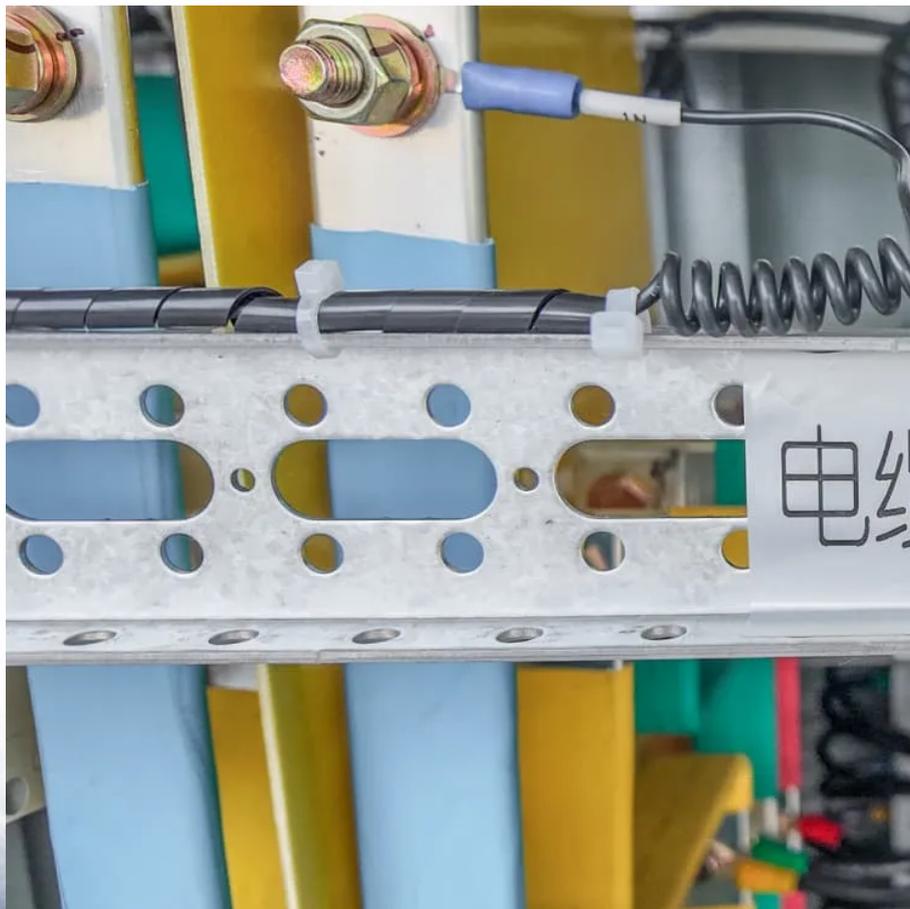


Distributed power generation for solar container communication stations in the Middle East





Overview

Will solar power power the Middle East?

The Middle East is a growing region for power generation and will require additional capacity to meet its economic ambitions and the needs of its people. There is no doubt that renewable sources of energy, especially solar, will play a major part in its future power mix.

Can digital technology improve the power sector in the Middle East?

Overall, digital technologies provide a great deal of opportunity for the global power sector worth billions of dollars. The Middle East is ripe with these opportunities which not only help increase the reliability of the power sector, but also the region's individual economies.

Could a Solar Park transform the Middle East's power sector?

The solar parks in the Middle East, which are considerably larger than those in Europe, could provide the basis for electrolyzers of completely new dimensions. Technological additions such as this could offer a fundamental transformation of the region's power sector.

Does the Middle East have a power supply?

Yet as the Middle East is flush with cheap natural resources, the region's power makeup is still almost exclusively dominated by oil and gas.⁴ The region currently uses oil and natural gas to meet 97 percent of its electricity needs. Economic growth hinges upon connectivity and power generation.



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