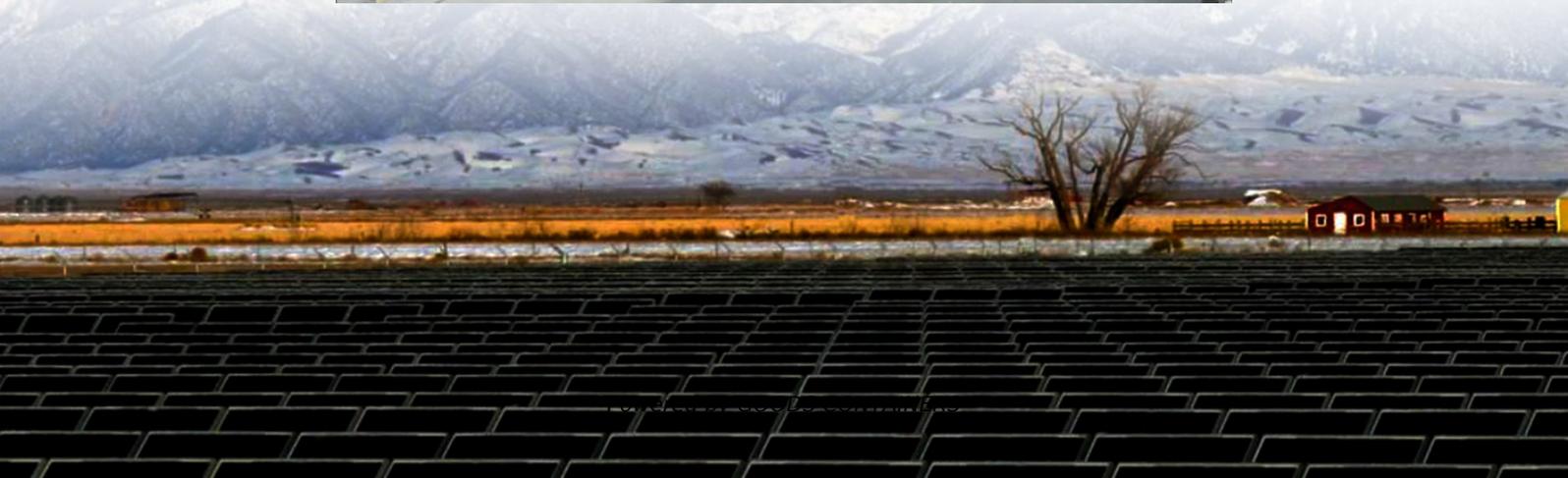


Russian Off-Grid Solar Containerized High-Pressure Type





Overview

How much does an off-grid solar-plus-storage project cost?

According to Usachev, the levelized cost of electricity (LCOE) of recently commissioned off-grid solar-plus-storage projects ranges from RUB14-22/kWh (\$0.19-0.29), which makes it much more economically viable, compared to net diesel generation. An off-grid PV plant built by Hevel Solar.

Is off-grid PV a viable alternative to diesel power generators?

Off-grid PV has become a much more viable solution than diesel power generators to bring electricity to Russia's remotest regions. Furthermore, solar-plus-storage is able to deliver with no interruption 24 hours per day and seven days per week, while fuel availability means diesel power can only ensure between four and seven hours per day.

How many kW can an off-grid power unit cover?

Net electric power: from 6 kW to 9 kW. Depending on the inverter used, the off-grid power units are able to cover up to 30 kW of short-term peak loads. This configuration is a custom solution off-grid power unit.

What is the energy-oil off-grid power unit?

The EVOGRESS-OIL 1.0 is a factory-assembled off-grid power unit designed for operating independently or as a part of a technological system modular block. The off-grid power unit is equipped with a gas preheating system for complex types of liquid fuel (the gas preheating system for the burner operates only during cold starts).



Russian Off-Grid Solar Containerized High-Pressure Type



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