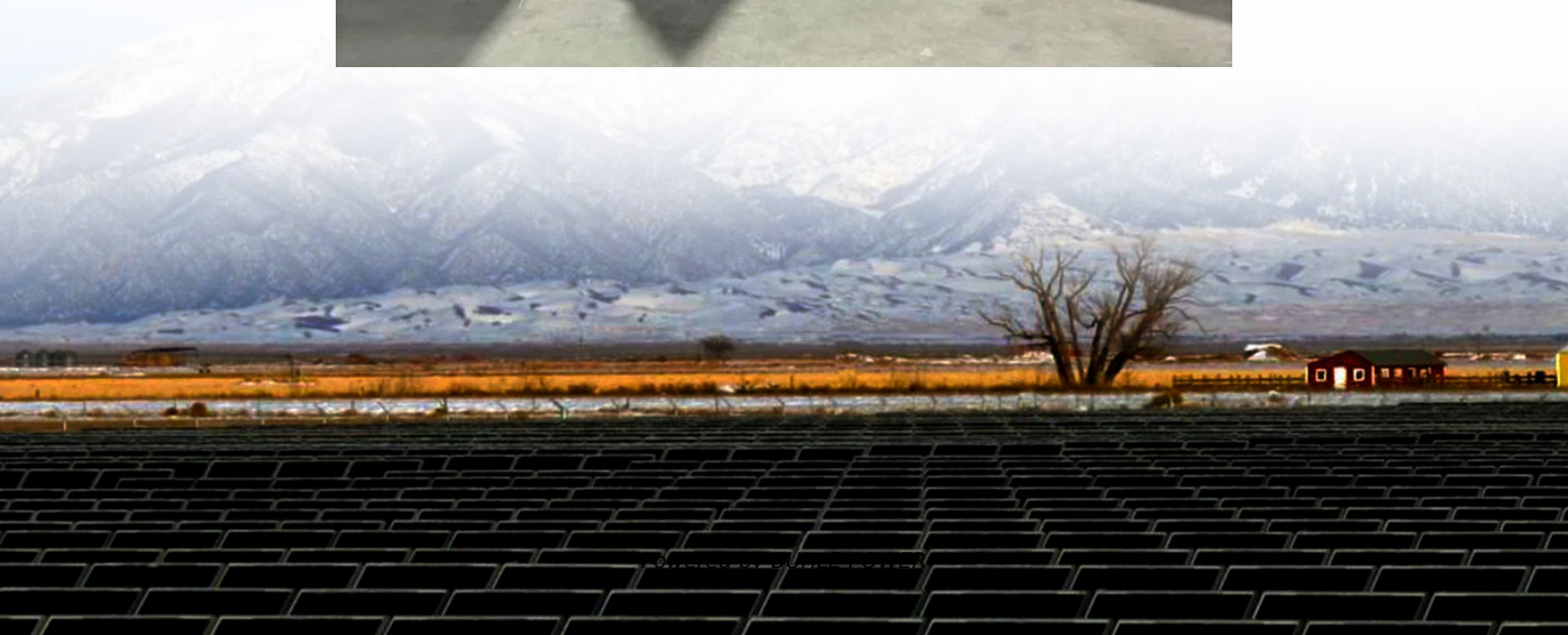


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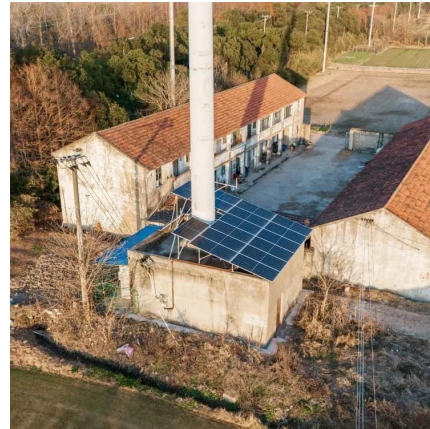


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Rotational energy storage Namibia

This is exploited in flywheel energy-storage devices, Calculate the translational kinetic energy of the helicopter when it flies at 20.0 m/s, and compare it with the rotational energy in the blades.



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Background
In Context
Flywheel Energy Storage
Electro-Chemical Energy Storage
Lead-Acid Batteries
Lithium-Ion Batteries
Sodium-Sulphur Batteries
Nickel-Cadmium Batteries
Flow Batteries
Capacitors
Flywheel energy storage systems use electricity to accelerate a flywheel, driven by an electric motor connected to an electric generator. Flywheels store energy in form of rotational energy, which implies that a flywheel's inertia and rotating speed determine its storage capacity. Low-speed flywheel



systems, which are usually employed for medium-
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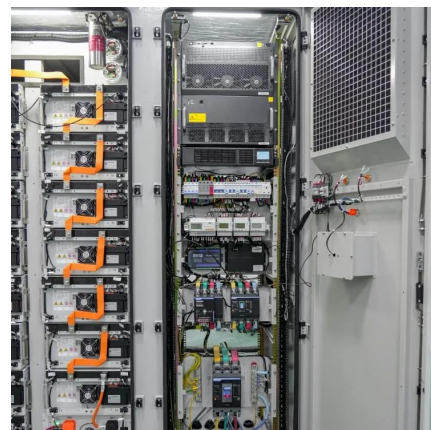


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