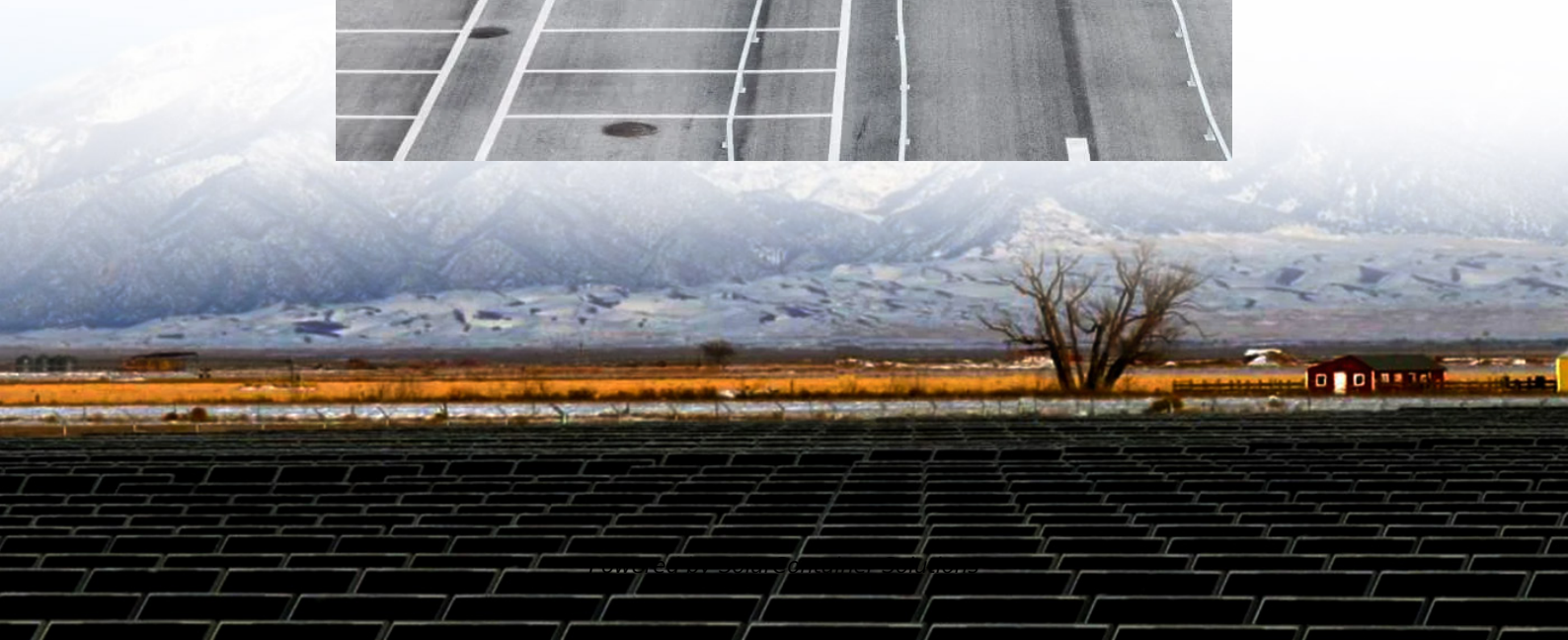
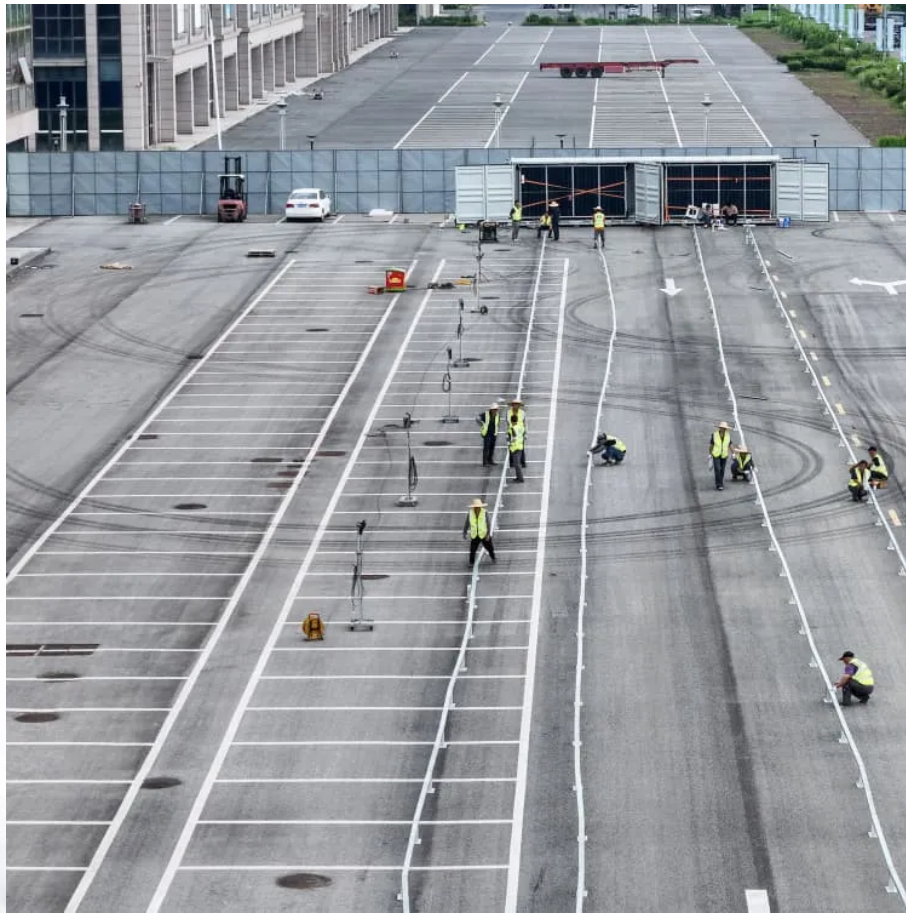


The mechanical structure of Huawei s flywheel energy storage





Overview

A FESS consists of several key components: (1) A rotor/flywheel for storing the kinetic energy. (2) A bearing system to support the rotor/flywheel. (3) A power converter system for charge and discharge, including an electric machine and power electronics. (4) Other auxiliary components.



The mechanical structure of Huawei s flywheel energy storage



Technology: Flywheel Energy Storage

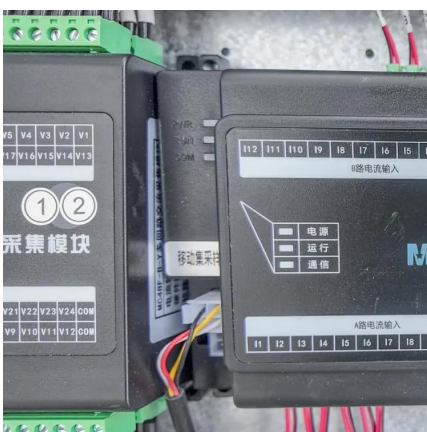
FESS can be used in conjunction with medium and long duration mechanical/thermal/chemical storages to mitigate slow ramp up times of the latter and accelerate storage response.

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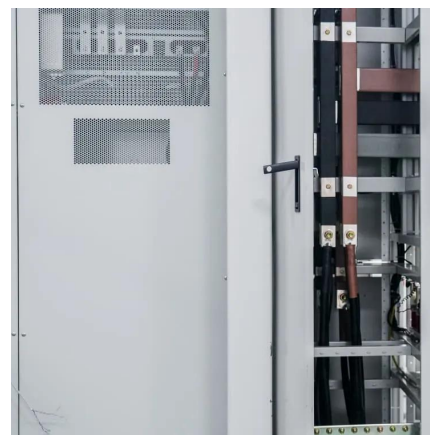
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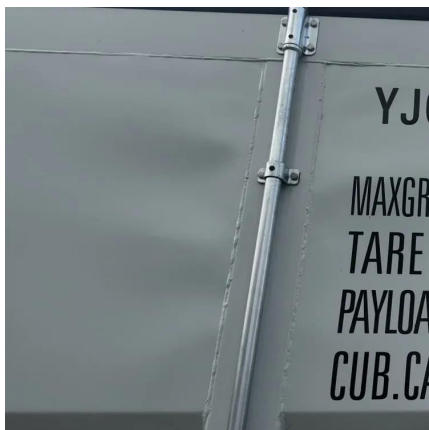
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