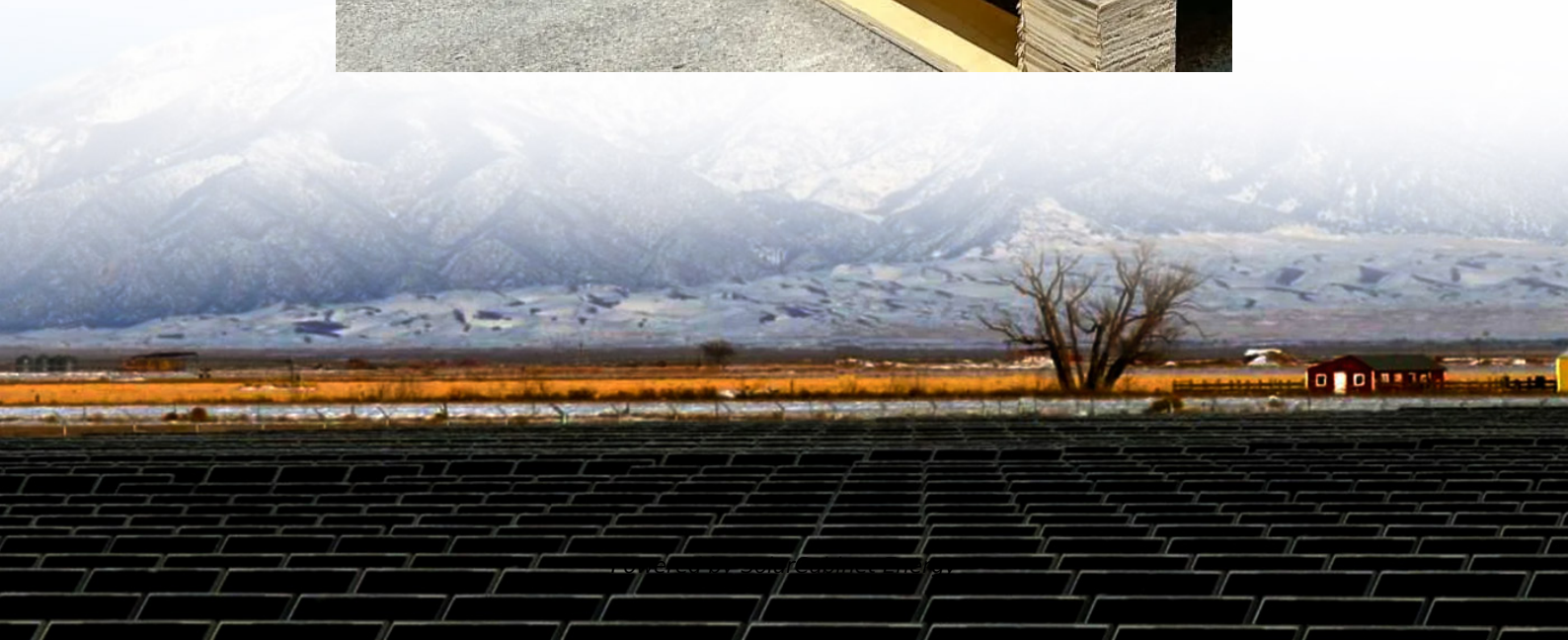


What is an Energy Storage System Integrator





Overview

What does an energy storage system integrator do?

Energy storage system integrators play an increasingly important — and shifting — role as more renewable energy is added to the grid, according to a new Navigant Research report. Integrators design, build and operate large, grid-scale energy storage systems. Think Tesla and Fluence.

Which energy storage integrator is the best?

Fluence has a track record of being the integrator of choice for ground-breaking energy storage projects. Last month, it was revealed that the US-headquartered integrator had been selected by Tilt Renewables to deliver the 100 MW / 200 MWh Latrobe Valley battery energy storage system (BESS) located south of Morwell in Victoria.

Are energy storage systems integrators maximizing the value of a project?

Often they leverage software and controls to maximize the value of a project, according to the report, Navigant Research Leaderboard: Utility-Scale Energy Storage Systems Integrators. The biggest energy storage market, long-term, is no longer frequency regulation because that market is becoming saturated.

Are energy storage system integrators grid-connected?

The leading energy storage system integrators have built microgrids, but they're not generally grid-connected, Ellis says. That's because microgrid developers face challenges connecting their projects to the grid. "With microgrids, one big issue is the existing rules that allow utilities to be the sole provider of electric service in an area.

What does an integrator do?

Integrators design, build and operate large, grid-scale energy storage systems. Think Tesla and Fluence. In a recent interview with Microgrid Knowledge, Alex Eller, senior research analyst for Navigant Research, shed



light on what integrators do and why their role is changing.

Do system integrators have an advantage?

One piece of IP held firmly to by system integrators and still considered an advantage is their expertise with energy management systems (EMS). System integrators have deep knowledge of the hardware required for BESS projects, which in turns makes them well qualified to know what sort of software will drive that hardware.



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[Grid-Scale Battery Storage: Frequently Asked Questions](#)

Is grid-scale battery storage needed for renewable energy integration? Battery storage is one of several technology options that can enhance power system flexibility and enable high levels of ...

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