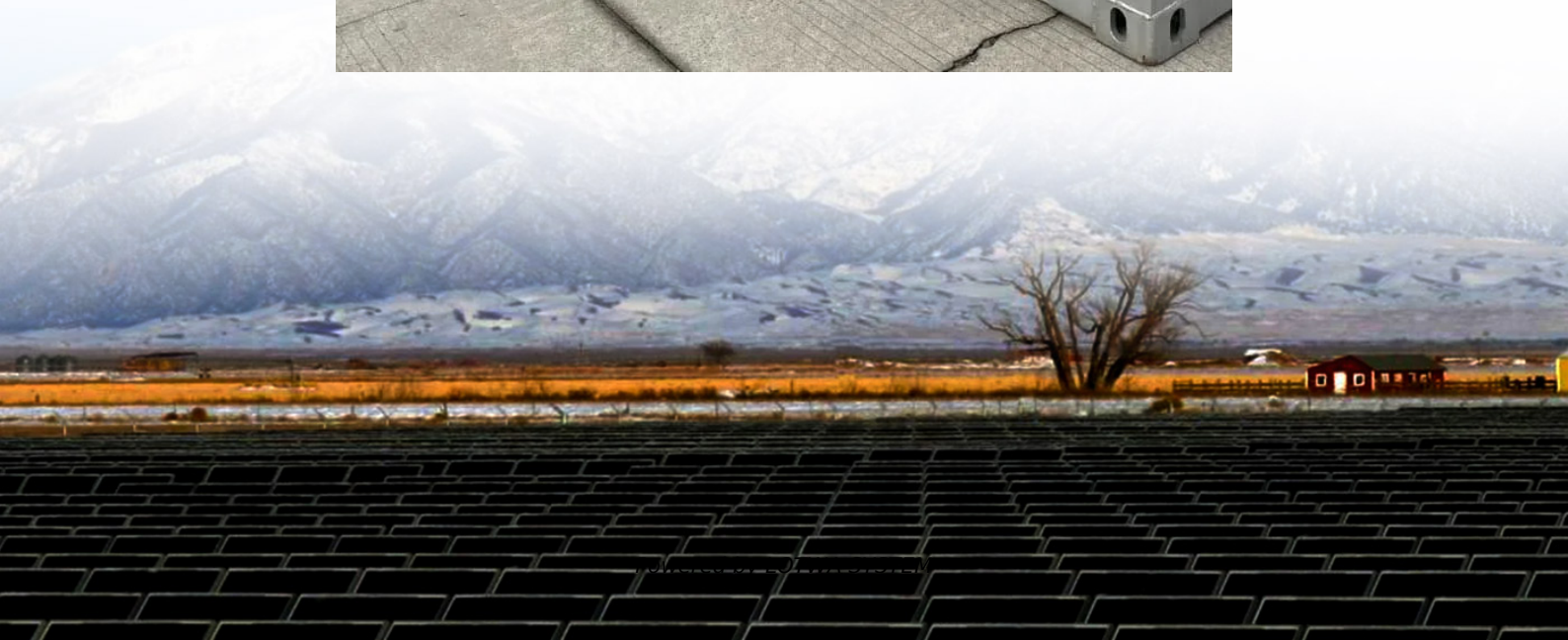


Add energy storage equipment at the generator end





Overview

Why do diesel generators recharge the energy storage system after use?

- The Energy Storage System offers an alternate energy source to the grid enabling smart load management. In hybrid mode, diesel generators often recharge the Energy Storage System after use because there is a much lower demand for the generators during normal operations than during the peak demand for equipment start-up.

Are energy storage systems better than diesel generators?

However, a hybrid solution with an Energy Storage System will require smaller generators, which work closer to their optimum level, saving fuel and reducing maintenance costs. An Energy Storage System itself has almost no maintenance requirements. This means that the uptime is very high compared to diesel power generators.

How can energy storage systems help rental companies and end-users?

Rental companies and end-users have the potential to save substantial operating costs by using Energy Storage Systems in hybrid mode. Implementing an Energy Storage System also allows operators to reduce the generator capacity on-site by up to 40%. It reduces fuel consumption even further.

What is an energy storage system?

An energy storage system (ESS) for electricity generation uses electricity (or some other energy source, such as solar-thermal energy) to charge an energy storage system or device, which is discharged to supply (generate) electricity when needed at desired levels and quality. ESSs provide a variety of services to support electric power grids.



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