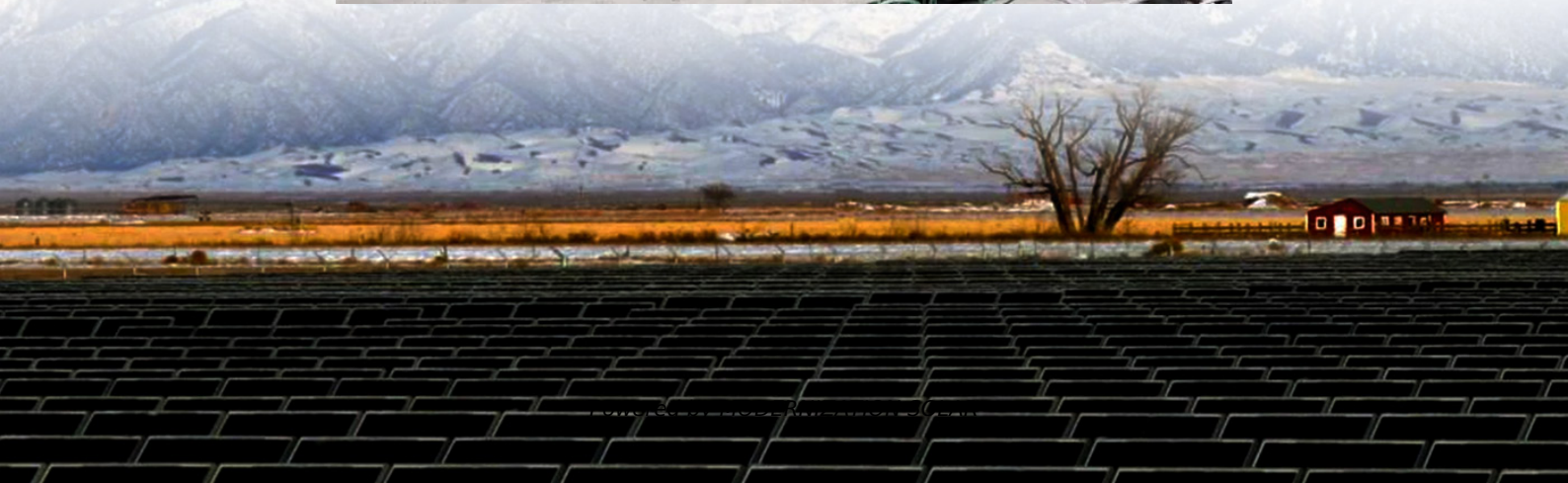


Comparison of Payment Methods for Low-Pressure Solar Containerized Types





Overview

How do solar PV systems perform compared to other economic metrics?

The solar PV systems sized using the three different methods show different performances regarding other economic metrics including solar capital cost, grid energy cost and grid energy cost savings. These results are shown in Fig. 5 for both networks.

Should solar PV systems be sized based on the heuristic method?

Therefore, larger solar PV systems sized using the heuristic method in general provide better system performances, especially in terms of GHG emission reduction; However, this is achieved with significantly increased capital investment and a longer payback period.

Does integrated water-solar system oversize a solar system?

The performance of the integrated water-solar system has been assessed against economic, energy and emissions performance metrics using two case studies. The results indicate that the heuristic method leads to the largest solar PV size, potentially oversizing the system.

Can a solar PV system reduce centralised Grid energy consumption?

On-site energy production such as the behind-the-meter (BTM) solar PV system has been widely considered to reduce the centralised grid energy consumption and GHG emissions. However, these systems are often sized in an ad hoc fashion and based on financial incentives available.



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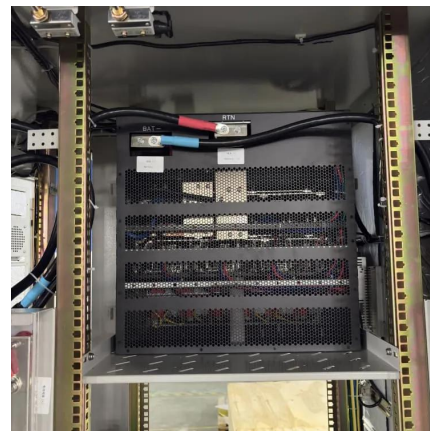


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