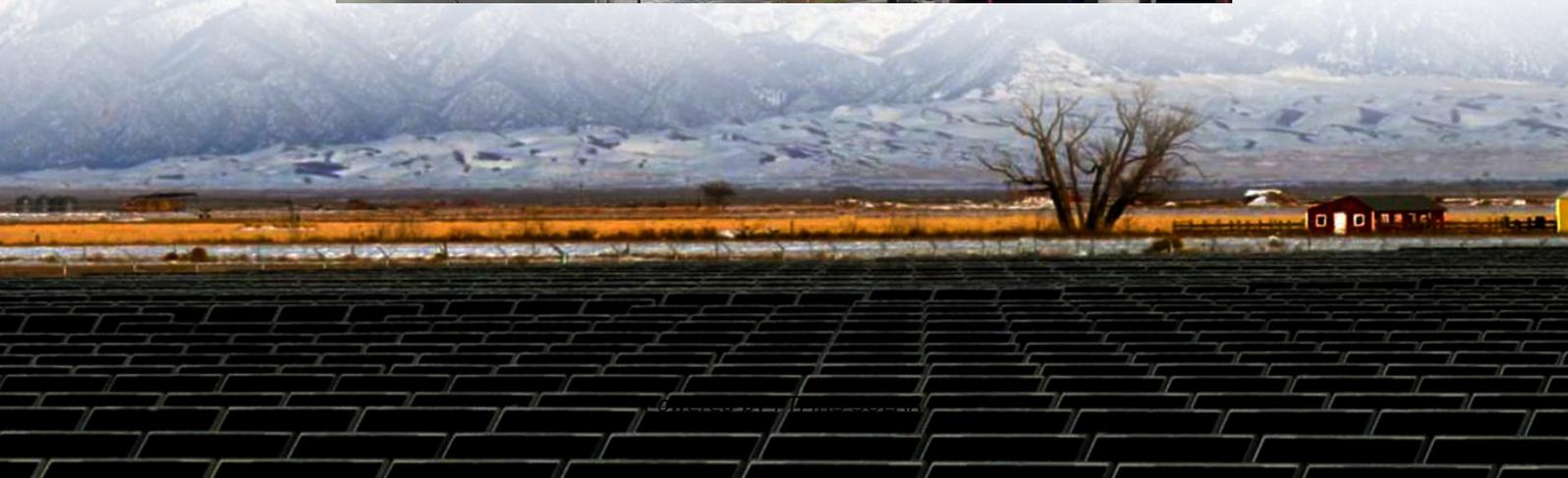


Tanzania Telesolar container communication station Energy Storage Tower





Overview

Does Tanzania have flexibility in low-cost variable renewables?

A key finding of this study is that Tanzania, unlike many of its peers in the region, has ample flexibility available in its power system. This is fortunate, because it means that even without investments in energy storage, the system can absorb a significant amount of low-cost variable renewable energy.

How can the Government improve supply security in Tanzania?

Running large-scale international auctions for procurement of wind power and solar PV would be the best way to bring much needed private investment to boost the generation capacity in the Tanzanian power system, and a natural part of the least-cost expansion approach.

Should Tanzania subsidise the cost of connectivity?

Finally, given that approximately 5.8 million Tanzanian households living within reach of the grid are estimated to remain without connectivity in 2030, subsidising the cost of connection may arguably be the most cost-efficient way to let more Tanzanians benefit from electricity.

Will Tanzania be able to electrify all 3 million with electricity?

Following this, the next ambition of the Government and REA is to electrify all 3 million with connection to electricity. Even so, Tanzania is well behind schedule to meet its Sustainable Energy for All (SE4All) goal of 75 percent electrification by 2030.



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