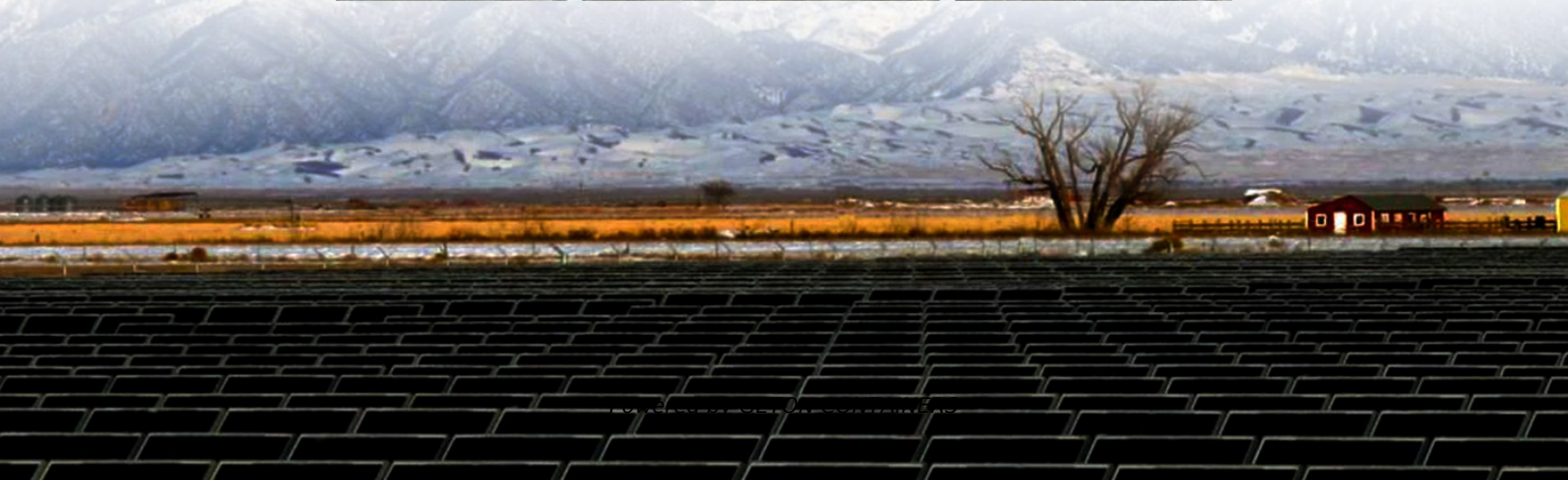# How much does a Kigali containerized energy storage tank cost

Overview

How much does a storage tank cost?

Storage tank costs are tabulated in this data-file, averaging $100-300/m3 for storage systems of 10-10,000 m3 capacity. Costs are 2-10x higher for corrosive chemicals, cryogenic storage, or very large/small storage facilities. Some rules of thumb are outlined below with underlying data available in the Excel.

Why are LNG storage tanks so expensive?

LNG storage tanks thus come in as some of the most expensive storage facilities in the data-file, because they are very large and cryogenic. Higher capex may be worthwhile to install higher grade tanks that minimize boil-off and improve energy efficiency.
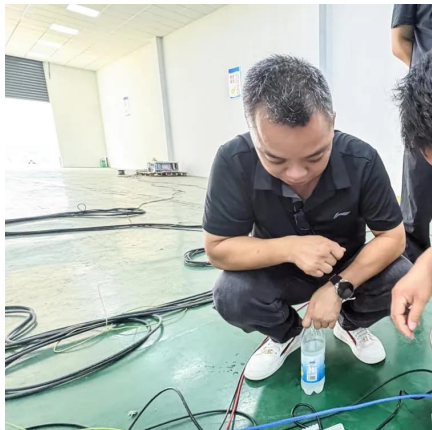
How much does hydrogen storage cost?

Higher capex may be worthwhile to install higher grade tanks that minimize boil-off and improve energy efficiency. Large-scale hydrogen storage would likely be higher cost than LNG storage, in our view, and the median small-scale facility for cryogenic or ultra-compressed hydrogen storage is estimated to cost $8,000/m3.

How much does underground gas storage cost?

Storage costs are lowest for underground gas storage, with a median $0.4/m3 of storage capacity. The key reason is scale. The average facility in our database can store over 1bcm of gas. Methodology.

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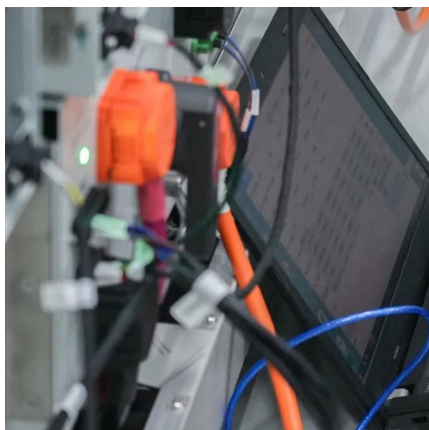
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