

# **Conditions for Two-Way Charging Transactions for Folding Containers Used in Oil Refineries**





## Overview

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How a port operator manage a container load/unloading task?

Facing numerous containers, a port operator needs to assign container loading/unloading tasks to AGVs, sequence the tasks for each AGV, and arrange the battery-charging or -swapping activities for the AGVs in a highly efficient manner, which affects the operational performance of the port and further impacts its annual throughput.

How foldable containers affect the cost of shipping?

Furthermore the use of foldable containers can have significant impact on the cost of shipping. Shipping companies can save the additional costs of handling and carrying empty containers when they call at a port and the additional capacity in the ship can be used for extra cargo.

Can foldable containers improve logistics management?

Capacity Improving Logistics Management Using Foldable/Collapsible Containers: A Case Study G 179 G constraints in ports for storing and repositioning empty standard containers are major concerns in the logistics and port industry. As an alternative, foldable containers have been introduced into the market.

Do foldable containers reduce container fleet management costs?

The effect of foldable containers on the costs of container fleet management in liner shipping networks. *Maritime Economics & Logistics*. 2012. Vol. 14. No. 4. P. 455-479. DOI: 10.1057/mel.2012.16. Shintani, K. & Konings, R. & Imai, A. Combinable containers: A container innovation to save container fleet and empty container repositioning costs.



## Conditions for Two-Way Charging Transactions for Folding Containers

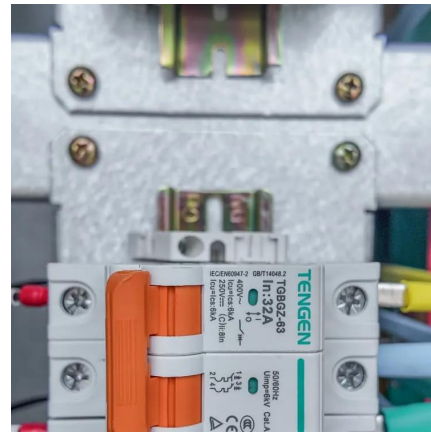


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Your Professional background?What Causes 'Empty Running'?Who Inspires You?Empty containers clog roads and ship terminals, causing port congestion and leaving little space to unload



ships. This then forces many ships to wait offshore, wasting resources and slowing the supply chain to a crawl. The problem disappears only as the ships sail away. See more on supplychaindigital Author: Sean AshcroftResearchGate

## **(PDF) Economic benefits of deploying ...**

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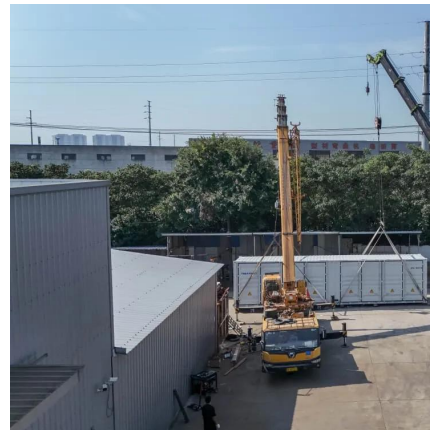
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strategy ...

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