فولتامب
VOLTAMP

Investment Opportunity

Radiators

#LOCALIZE_IT
VOLTAMP

Radiators - Opportunity

Opportunity

Setting up a manufacturing facility for Transformer Radiators to complement the localization plans for transformers

Value Proposition

Radiators are imported into Oman, highlighting a clear opportunity to localize this critical component. With four transformer manufacturers in the country relying on these materials, and radiators representing a significant share of overall raw material costs, establishing local production would enhance supply chain resilience, reduce lead times, and create strong in-country value.

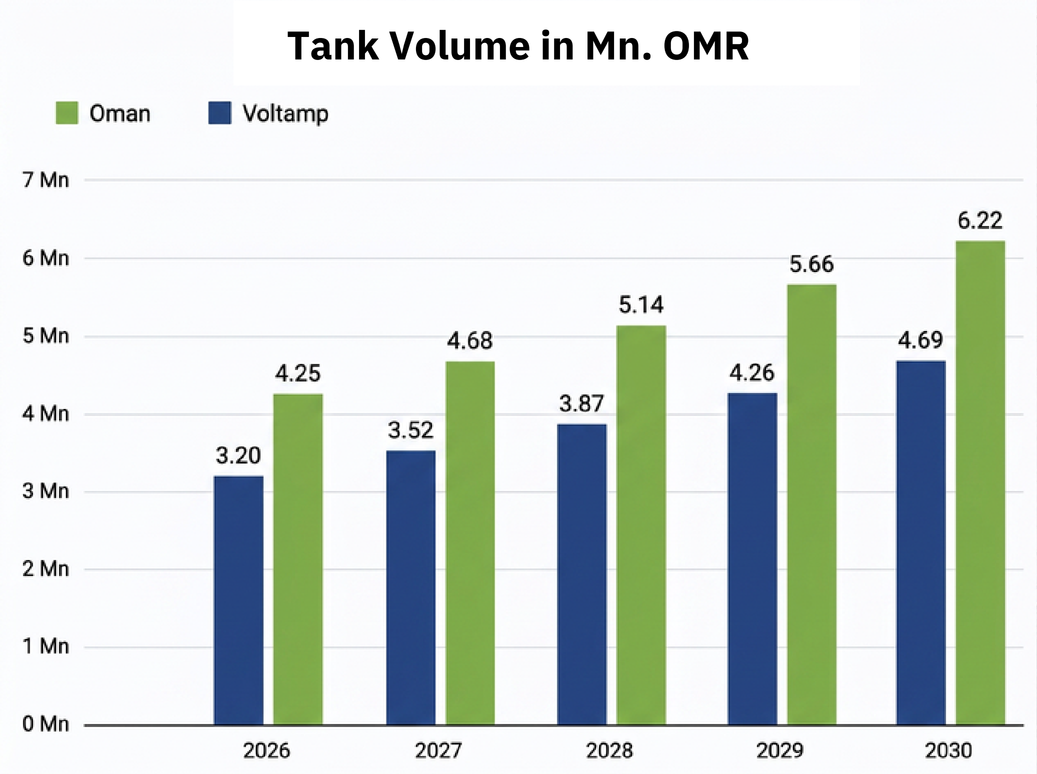
Market Overview

Energy demand is rising rapidly alongside population growth, industrialization, automation, and digitization. As the world advances across these sectors, the need to upgrade electrical grids, expand generation capacity, and strengthen energy storage systems has become critical, directly driving demand for transformers and their key components.

In Oman, there are currently no manufacturers producing transformer radiators, while in the GCC only a limited number of companies (2–3) produce small ranges in-house. As a result, the majority of radiator demand is met through imports, primarily from India and China. A new radiator manufacturing facility is being established in the UAE, with operations expected to commence in 2027, signaling gradual regional capacity development.

The global transformer market is valued at approximately $64 billion in 2025 and is projected to reach $88 billion by 2030. This growth is driven by increasing energy demand and the urgent need to modernize and expand transmission infrastructure, reinforcing the importance of localizing critical components such as radiators within the regional supply chain.

Radiators - Demand Chart (2025-2030)



Radiators - Key Highlights

Investment
RO 3-4 Mn

Automation
+RO 0.5 Mn

Timeline
10-12 months

Expected IRR
19.01%

GCC Demand
20-22 Mn RO

Value Chain Analysis

	Sheet Cutting & Corrugation	Welding	Painting	Testing	Packing & Dispatch
MACHINES	• Automatic Fin Forming Machine	• Robotic Welding Machines	• Automated surface treatment unit • Paint Booths	• Leak Test Setup	• Packaging setup
MATERIALS	• Metal sheets • Various Dies	• Welding Materials	• Painting materials		• Wooden Packing / Cling wrap • Tracing labels

Business Ease in Oman

Proximity to Major Markets	Access to 60% of world population in an 8 hour flight radius
Free Trade Agreements (FTA)	105 International FTA, access to over 500 Mn consumers
Investment Appeal	Ranked 21st Globally in Best Countries for Investment & Business
Tax Incentives	0% Personal Income Tax 0% corporate tax for 10 years in free zones
World class logistics	Ranked among the most efficient ports globally, Road connection to GCC++

For more details https://investoman.om/