

Insights into North America Distribution Transformer Market

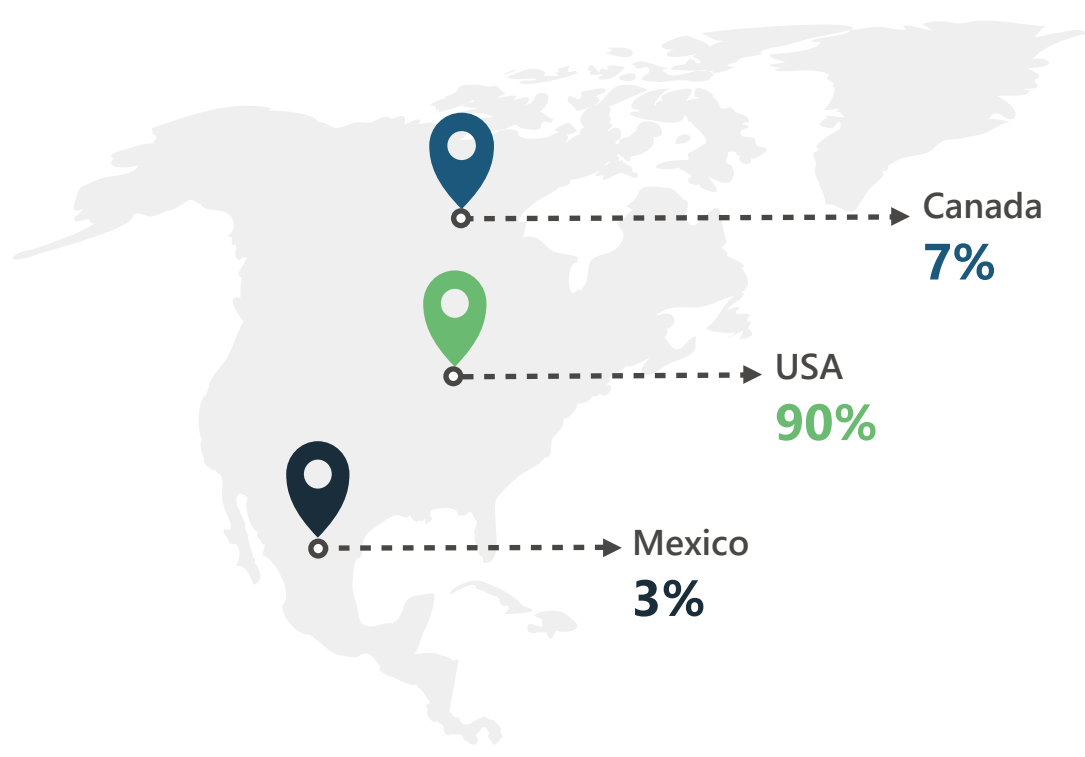
Market Overview- North America

Quantitative Analysis - Revenue



North American market is expected to grow with a CAGR of 7.4% in 2023-2030.

Dist. Transformer Market – Country Split (2023)

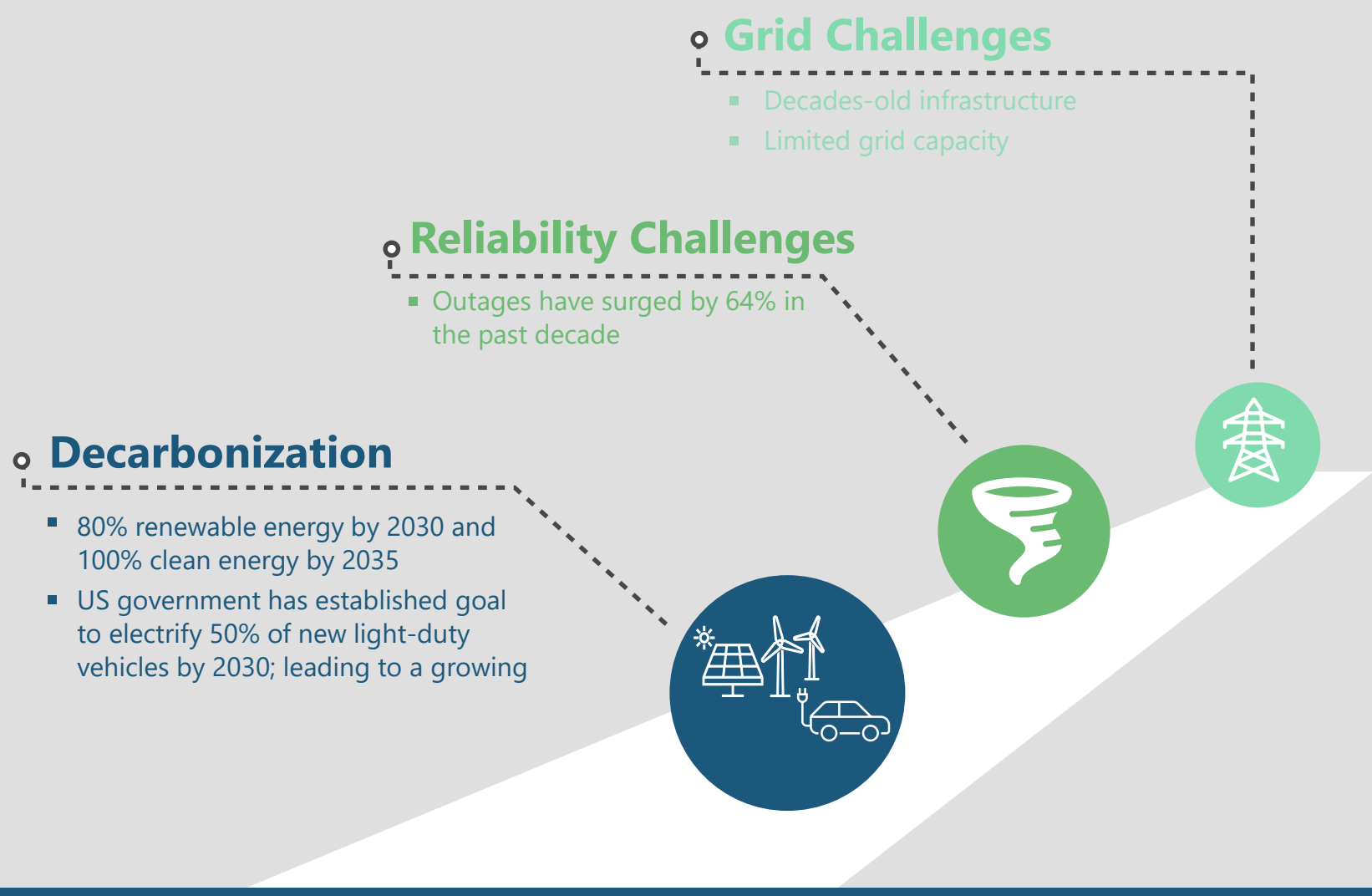


To accommodate increased penetration of renewable energy and meet demand due to EV charging infrastructure, the US, Canada, and Mexico have outlined grid investments to:

- Replace and refurbish aging power infrastructure
- Enhance power grid capacity

Factors Driving the US Transformer Demand

Power grid expansion and modernization are inevitable to achieve net-zero targets



Federal Funding Opportunities for Grid Resilience

IIJA and IRA have the potential to drive the resiliency market in the country through federal funding and tax incentives

IIJA

Infrastructure Investment and Jobs Act (IIJA), also known as Bipartisan Infrastructure Law (BIL), was promulgated in 2021 to provide investments and funding for improving and revamping critical infrastructure of the US

Up to USD 13 billion, as part of USD 110 billion for total climate and energy investment, have been allocated for funding BIL programs that include grid resilience and hardening

- Grid Resilience Formula Grants
- Grid Resilience and Innovation Partnerships (GRIP) Program

IRA

Tax credits are available **through Inflation Reduction Act (IRA)** to applicable sectors through

- Investment Tax Credits (ITCs) and
- Production Tax Credits (PTCs)

Tax credits worth USD 369 billion for climate and energy sectors, of which USD 61 billion are reserved for greenhouse gas reduction funds and grid resilience investments, and USD 71 billion for the manufacturing industry