

Mobile Transformer Solutions

Delta Star is the premier manufacturer of mobile transformers and mobile substations in the United States with over 40 years of trusted experience in mobile transformer manufacturing for investor-owned utilities, electric cooperatives and municipals in North America. Each Delta Star Mobile Transformer is built to withstand over 30 years of continuous use.

Option
01 | Mobile
Transformers

Option
02 | Mobile
Substations

Option
03 | Portable
Transformers

1976

the first Delta Star mobile transformer is manufactured.

800+

mobile transformers manufactured to date.

75%

of mobiles used in the North American market have been designed by Delta Star.

APPLICATIONS



Emergency Service



Power Grid Support



Temporary Power Supply



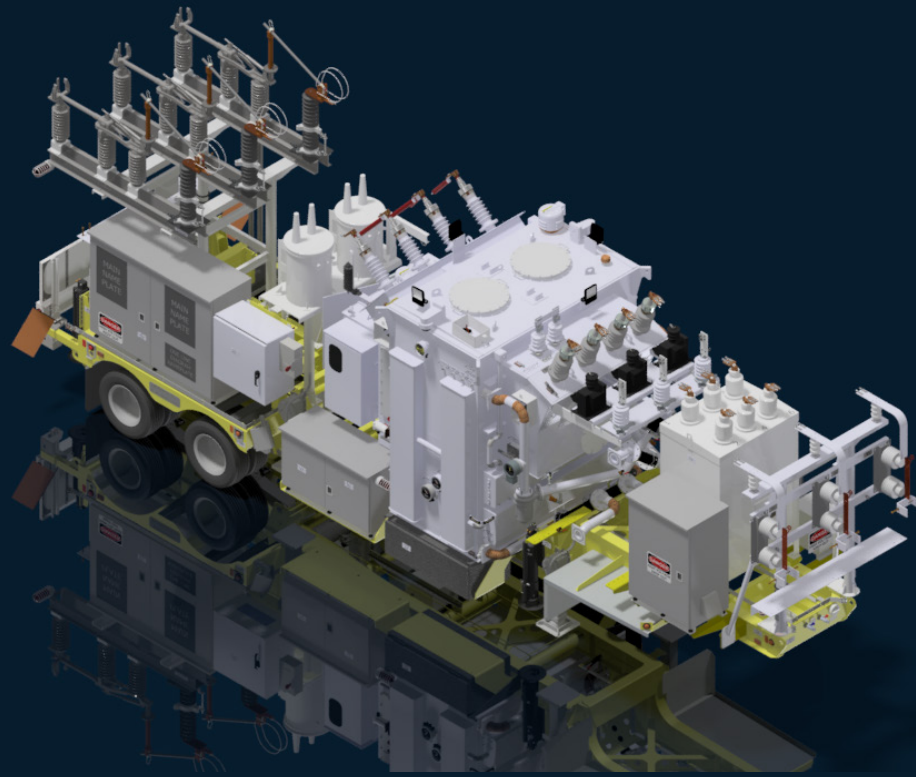
Routine Maintenance



Power for Seasonal Load



Planned Outage



SCAN ME

The Mobile Design

A Delta Star MTS is designed in such a way that transportation is easy and installation time short. They are pre-assembled at Delta Star manufacturing plants, exhaustively tested before leaving the factory, and may be used inside or outside of the substation if properly equipped.

Mobile Power Made Easy

ADVANTAGES



Light & Compact Design



Arrives to customer site fully assembled



HV & LV protection capabilities



Substation use inside or outside if properly equipped



Self-contained, auxiliary power supply (internal or external)

EQUIPMENT SPECIFICATION



Single Line Diagram



DC Requirement



HV & LV Protection Devices



Preferred Number of Trailers



Catalog Numbers for Equipment



Available Tractor(s)

SPECIFICATIONS



Voltage



Trailer Length



Oil System



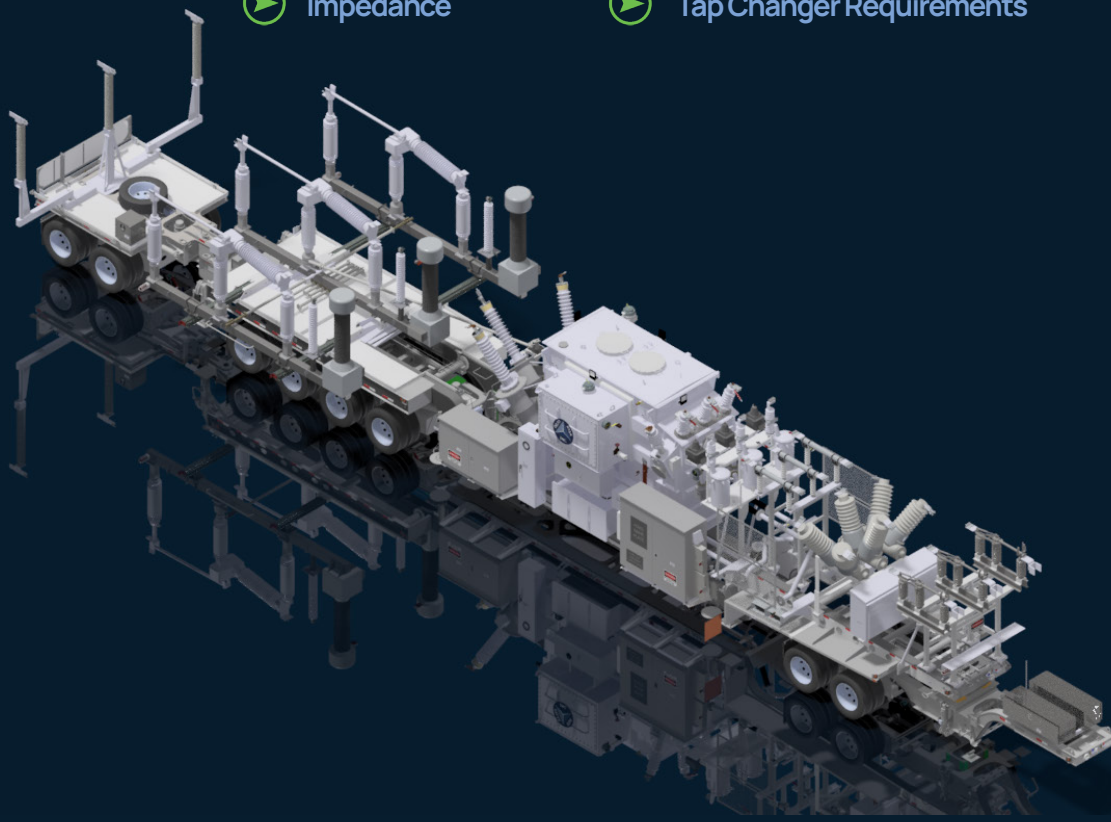
MVA



Impedance



Tap Changer Requirements



SCAN ME

Scope & Capabilities

Delta Star is the only North American transformer manufacturer with the breadth of products to meet all your power needs. Below is a partial list of Delta Star capabilities. With more than 100 years in the power industry and over 40 years manufacturing mobile transformers, Delta Star has the engineering expertise to deliver a complexly critical product to fit any power substation application in the world.

MOBILE SUBSTATIONS	MVA (Top Rating)	HV kV	LV kV
Mobile Substations	< 100	25 - 345	2.4 - 69
Portable Substations	100	15 - 345	2.4 - 69

UNITIZED SUBSTATIONS	MVA (Top Rating)	HV kV	LV kV
Unitized Substations	2 - 100	15 - 345	2.4 - 69

POWER TRANSFORMERS	MVA (Top Rating)	HV kV	LV kV
Power Transformer w/o LTC	200	15 - 345	4 - 115
Power Transformer w/ LTC	170	15 - 345	4 - 115
Auto Transformer & TV w/o LTC	300	34.5 - 345	34.5 - 161
Auto Transformer & TV w/ LTC	250	34.5 - 345	34.5 - 161
Voltage Regulators	7	15 - 115	+/- 10-15% Regulation
Grounding Transformers	--	15 - 115	Custom Z% or I-fault
Generator Step-Up	Same as Type 1 & 2		

Delta Star East
Lynchburg, Virginia
ISO: 9001:2015

Delta Star West
San Carlos, California
ISO: 9001:2015

Delta Star North
Saint-Jean-sur-Richelieu, Québec
ISO: 9001:2015