



FERVO ENERGY: A SHARED COMMITMENT TO ENGINEERING EXCELLENCE

Fervo Energy partnered with Virginia Transformer to deliver the 340 MVA power transformer for Cape Station Phase I, its first large-scale geothermal project in Beaver County, Utah, about 240 miles southwest of Salt Lake City. The custom unit will connect 100 MW of reliable, around-the-clock geothermal power to the grid for delivery to California.

THE CHALLENGE

Cape Station Phase I needed a transformer that can reliably move 100 MW of geothermal power to the grid. On-time delivery was critical to keeping the project on schedule.

THE APPROACH

Virginia Transformer engineered and manufactured a 340 MVA power transformer with a high-voltage on-load tap changer (OLTC), designed for long service life and reliable grid connection.

THE RESULTS

The transformer arrived on schedule in Beaver County, Utah. It supports power delivery to California and keeps Cape Station Phase I on track for grid connection.



The Cape Station transformer, which has been delivered to the project site in Beaver County, Utah.

On-Time Delivery

Delivered to Beaver County as scheduled.

24/7 Power

Supports 100 MW around the clock.

Grid Connection

Raises power to grid voltage.

Factory Tested

Requirements verified before shipment.

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