The ABB remanufacturing units have access to original design files, documentation and technologies used over the last century within the ABB family as well as the current common design, manufacturing and quality practices used by ABB transformer factories through the world. Repairing a transformer, instead of replacing it, can in certain cases lower capital maintenance cost dramatically and provides quicker turnaround than buying new.

Customer needs
– Needed more power and overload capability on a 26 year old, 15 MVA ONAF/145 kV transformer
– Same footprint to limit civil work and save time
– Reduce risk of fire

ABB response
– Nomex® insulation on conductors and board
– BIOTEMP® fluid to replace mineral oil

Customer benefits
– Upgrading to 25 MVA (+66%)
– Overload during 4 hours up to 43 MVA (+70%)
– Biodegradable fluid reduces contamination and clean-up costs in case of oil leaks
– Risk of fire and toxicity of fumes reduced