

## RETROFIT VACUUM CIRCUIT BREAKERS

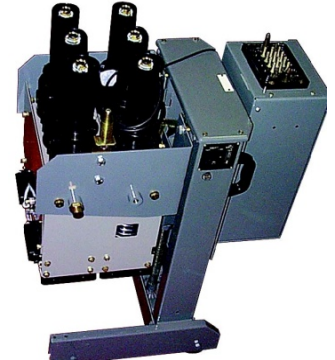
LEES TECH now offers a retrofit service for bulk oil circuit breakers. This includes the removal of the spring or solenoid mechanism and contact assemblies and their replacement with a compact vacuum circuit breaker module.

### AN ECONOMIC STEP TO IMPROVED PERFORMANCE



Before Refurbish

The retrofit is carried out in such a way that the main structure of the circuit breaker truck is retained, therefore eliminating the need to re-prove the alignment and current handling capabilities of the withdrawable mating contacts. The interlock mechanisms, which inhibit incorrect operation and withdrawal of the breaker, are retained and may be augmented by the addition of electromechanical mechanisms, as appropriate, to enhance the safe operation of the unit.



After Refurbish

### Retrofit Breakers available for: AEI/GEC BVRP17, SOUTH WALES C4X and REYROLLE LMT

### BENEFITS

- Reliable, safe and environmentally friendly switching medium.
- Breaker operation utilises unique magnetic actuator.
- Circuit breaker modules used in the retrofit are ASTA or KEMA certified.
- Solid state control interface is configurable for a wide range of open and close command inputs and enables the circuit breaker to be easily incorporated in a remote switching scheme or SCADA.
- Main structure of the switchgear and associated bus bar, isolation systems and cable connections are left undisturbed.
- Interlock mechanisms can be augmented to improve operability and safety considerations.
- Additional signal outputs can be provided to monitor operation of the breaker and interlock mechanism.
- Refurbished trucks can be made to be completely interchangeable with existing hardware.
- The insulation system, the magnetic actuator and vacuum interrupter assembly form a maintenance free assembly. No preventative maintenance is specified or required for the refurbished circuit breaker.
- Refurbished circuit breaker may be used as a high-speed recloser.

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