



## **GENERATOR SET AUTOMATIC SYNCHRONISING AND PARALLELING**

### **AUTOMATIC SYNCHRONISING AND PARALLELING**

Generator paralleling control systems utilise automatic synchronisers to match the voltage magnitude, phase angle and frequency of the generators to be paralleled.

The automatic synchroniser sends signals to the engine governor to vary the speed of the engine and hence the frequency output and to the alternator voltage regulator to vary the voltage output.

When both generator outputs are in synchronism the paralleling circuit breaker is closed automatically.