Unbalanced Electric trailer braking

Can be detected by:
- Trailer pulling to one side during braking.
- One wheel hub getting hotter than the other.
- Linings on one side wearing more than the other.

Can be caused by:
- Broken wire or open circuit coil one side.
- Unbalanced trailer loading.
- Incorrect mechanical adjustment of one side.
- Mismatched linings fitted.
- Mismatched tyres.
- Broken or disconnected spring in a brake assembly.
- More friction one side due to extra corrosion in one brake drum.
- Bearing lubricant leaking on to linings one side.
- Contamination one side, E.g. a piece of broken spring or a rock embedded in lining.
- Unbalanced wiring, see diagram below.

Unbalanced braking

Balanced braking