

Executive Summary

Primary value propositions demonstrated

- ✓ Condition worse than expected
- ✓ Safety and risk reduction
- ✓ Evidence for replacement decisions
- ✓ Reliability improvement

Rubric assessed the Okere feeder to determine whether replacement was justified in a high geothermal corrosion environment. The assessment identified extensive corrosion and multiple broken strands, confirming that conductor condition was worse than expected. Immediate action was taken on critical defects and full replacement was confirmed.



Why did we assess it?

Replacement was being considered due to high geothermal corrosion exposure, previous failures and asset age.

What decision needed to be made?

Determine whether conductor condition justified full replacement.

What did we think before Rubric?

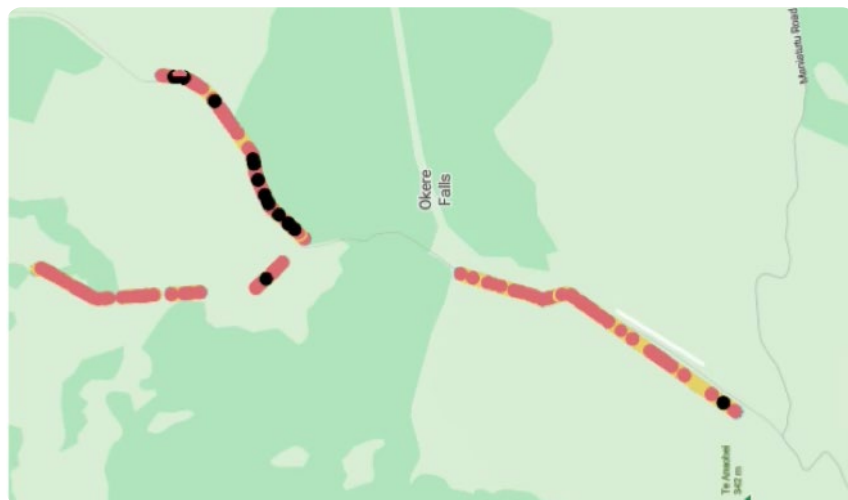
The expectation was that the conductor would be heavily corroded and in poor condition.

What did Rubric find?

Condition was worse than expected.

Multiple broken strands and significant conductor corrosion were identified.

Why did we assess it?



Safety and reliability findings

Many broken strands were identified that could have resulted in a live conductor reaching the ground.

What decision was made?

Critical defects were prioritised for immediate replacement and full replacement and full conductor replacement was scheduled for the following financial year.

Value created

Outcome	Result
Conductor assessed	6.8km
Length deferred	6.8km
Estimated replacement value	\$1.36M
Capital reprioritised	None

Validation

The identified defects are clearly visible in the imagery and align with previous conductor failures experienced by Unison in neighbouring areas.

Key outcome

Because of Rubric, Unison proactively mitigated critical safety risks and improved reliability rather than reacting to failures after they occurred.