

Executive Summary

Primary value propositions demonstrated

- ✓ Better investment timing
- ✓ Capital reprioritisation
- ✓ Safety risk identification

Rubric assessed the Crownthorpe feeder to determine whether replacement was justified based on asset age and risk modelling. The assessment found the conductor to be in better condition than expected, enabling the full 5.7 km section to be deferred for at least five years while addressing isolated safety defects. Approximately \$1.14 million of replacement capital was reprioritised without increasing network risk.



Why did we assess it?

Replacement of the conductor was being considered based on asset age and risk modelling.

What decision needed to be made?

Determine whether conductor condition justified full replacement.

What did we think before Rubric?

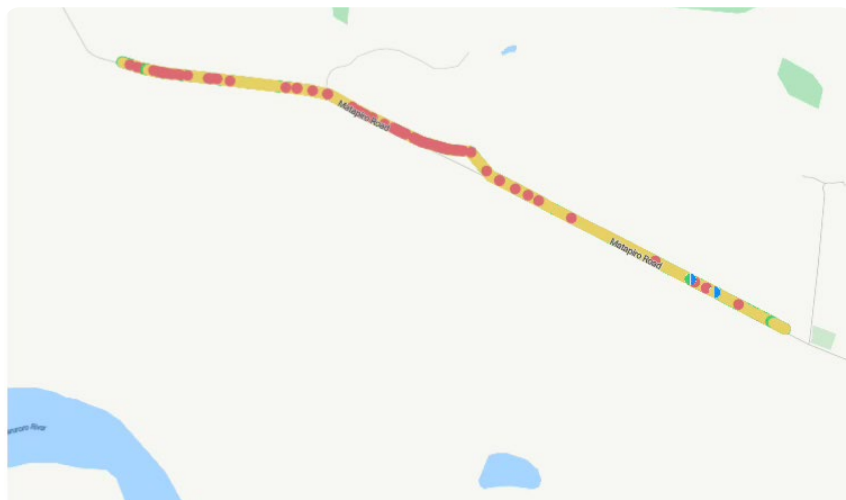
The expectation was that the conductor would be in deteriorated condition due to its age.

What did Rubric find?

Condition was better than expected.

The full 5.7km conductor section was assessed as being in acceptable condition and suitable for deferral.

Why did we assess it?



Safety and reliability findings

A small number of broken-strand defects were identified and repaired. These defects had the potential to result in a live conductor reaching the ground.

What decision was made?

Localised conductor defects were replaced to mitigate the immediate safety risk.

Replacement of the wider conductor section was deferred for at least five years.

Value created

Outcome	Result
Conductor assessed	5.7km
Length deferred	5.7km
Deferral period	At least 5 years
Estimated replacement value	\$1.14M
Capital reprioritised	\$1.14M

Validation

The imagery clearly demonstrated both acceptable conductor condition and the location of the identified defects.

Key outcome

Because of Rubric, Unison was able to defer approximately \$1.1 million of replacement expenditure for at least five years instead of replacing the entire conductor section without supporting condition of evidence.