

AER Information Request

2025-30



Part of Energy Queensland

Reference	AER/Deloitte's info request #8	Date	25 October 2024
Attachments to response	Excel File Attached: 'Defect Budling MZ-0005888 Poel Inspection Example 25102024' Excel File Attached: 'MZ-0005888 Defect Data 25102024' PDF File Attached: LP_PR_QRG004 - EQL Bundling Guidelines		

QUESTIONS:

Provide Information about scenarios for pole replacement in relation to multiple site visits. – (Deloitte) We are seeking scenarios and evidence to support bundling of work orders or do opportunistic replacements in relation to poles to avoid multiple truck visits.

RESPONSES:

In addition to holistic explanation in Slides 13 & 14 of RRP Presentation. Please see below requested example of Bundling of defect work orders to avoid multiple truck visits.

1. Inspections are completed in a method that allows for efficient bundling of Works

Example Maintenance Zone 'MZ-0005888'

Maintenance Zone 'MZ-0005888' – '241.FC~Koumala' was scheduled for inspection during April and May 2024 including all 399 Poles and associated Overhead Network.

- Maintenance Zone 'MZ-0005888' contains Feeder 'FD-1311' 'Koumala' Feeder Components which provide a logical outage section/s for bundling of work.
- Maintenance Zone 'MZ-0005888' is a geographic area for mobilisation and bundling of works and is represented by the Maintenance Zone polygon which surround the Koumala Feeder Components.

The maintenance Zone level Inspection Work Order was '09370896'.
Individual Pole Inspection Work Orders were raised for each inspection '

See Appendix 1. Maintenance Zone MZ-0005888 Polygon (Shaded Blue) and FD-1331 Koumala Feeder (In Black)

See Excel File Attached: 'Defect Budling MZ-0005888 Poel Inspection Example 25102024' (Individual Pole Inspection Work Order and Equipment Listing)

2. After Inspections, Resulting Defects can be bundled with other works.

Example MZ-0005888, Parent Work Order '00098266'

All defects identified from inspection Work Order was '09370896' that require action are bundled into logical packs for resourcing and to minimise truck roles under parent work order '00098266'.

In this case a Lidar Program generated Conductor Clearance to Ground defect (WO 09703342) was bundled with the Pole/Asset Inspection Generated Defect work to ensure efficient delivery.

See below Table One. MZ-0005888 Defect Package Summary of bundled defect packages of work.

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Maintenance Zone Plant No	Parent Work Order	Request ID	Request Description	Short	Defect Grouping	Total	Explanation
MZ-0005888	00098266	000001923518	PN P2 MZ-5888 KOUMALA PACK 1A		Earthing	1	Defect Packs under request IDs are bundled for defect location, logical outage section, defect policy timing and resources. In this case predominantly Overhead Line Resource or other specific plant equipment like for deep drilled earth rod installation as required. The outcome is intended to minimise truck roles, mobilisations and outages.
					Earthing	2	
		000001923539	PN P2 MZ-5888 KOUMALA PACK 2		Groundline Maintenance	1	
					Pole Top Repair	3	
					XARM	4	
					Clearance	1	
		000001924413	PN P2 MZ-5888 KOUMALA PACK 3		Conductors and Connectors	5	
					Earthing	3	
					Groundline Maintenance	21	
					Pole Top Repair	9	
					Services	2	
					XARM	7	
					000001926646	PN P2 MZ-5888 KOUMALA LANDING RD	
		Groundline Maintenance	2				
		Pole Replacement	1				
		Pole Top Repair	1				
		XARM	1				
		MZ-0005888 Total	66				

Table One. MZ-0005888 Defect Package Summary

See Excel File Attached: 'MZ-0005888 Defect Data 25102024' (Defect Packages)

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Appendix 1. Maintenance Zone MZ-0005888 Polygon (Shaded Blue) and FD-1331 Koumala Feeder (In Black)

