

Rosefield Solar Farm

Environmental Statement

Volume 4

Appendix 5.7: Indicative Construction, Operation and
Decommissioning Waste

EN010158/APP/6.4
September 2025
Rosefield Energyfarm Limited

APFP Regulation 5(2)(a)
Planning Act 2008
Infrastructure Planning
(Applications: Prescribed Forms
and Procedure) Regulations 2009



Indicative Construction, Operation (including maintenance) and Decommissioning Waste

Construction Phase				
	Recycle	Unit	Landfill	Unit
Damaged Solar PV modules	95	Tonnes	5	Tonnes
Steel	110	Tonnes	na	
Wood	1,175	Tonnes	na	
Total	1,380	Tonnes	5	Tonnes
Operation (including maintenance) Phase				
	Recycle	Unit	Landfill	Unit
Damaged Solar PV modules	133	Tonnes	7	Tonnes
Replaced String Inverters	248	Tonnes	13	Tonnes
Replaced Battery units	35,910	Tonnes	1,890	Tonnes
Replaced BESS MVS	1,140	Tonnes	60	Tonnes
Steel	1	Tonnes	na	
Wood	371	Tonnes	na	
Total	37,802	Tonnes	1,970	Tonnes
Decommissioning Phase				
	Recycle	Unit	Landfill	Unit
Solar PV modules	18,950	Tonnes	997	Tonnes
String Inverters	83	Tonnes	4	Tonnes
Battery units	17,955	Tonnes	945	Tonnes

BESS MVS	570	Tonnes	30	Tonnes
Concrete	59,786	Tonnes		
Steel	11,035	Tonnes	na	
Cable	318	Tonnes	18	
Total	108,379	Tonnes	1,977	Tonnes



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