

Waste Minimisation and Management Plan



1. Introduction:

The Hive Battery Energy Storage Systems are a pivotal initiative committed to sustainable development. This plan underscores our dedication to responsible waste management in adherence to the Councils Requirements.

2. Site Waste Minimisation and Management Plan (SWMMP):

We present a comprehensive Site Waste Minimisation and Management Plan (SWMMP) to address waste minimization and management during all project phases, including demolition, construction, and ongoing operation.

3. Objectives:

Our waste minimization and management objectives align with the principles of Ecologically Sustainable Development (ESD). We are committed to:

- Minimizing resource requirements and construction waste through reuse and recycling.
- Encouraging building designs, construction, and demolition techniques that minimize waste generation.
- Maximizing reuse and recycling of household waste and industrial/commercial waste.

4. Submission/Application Requirements:

All development applications, encompassing demolition, construction, and ongoing use, shall be accompanied by a Site Waste Minimisation and Management Plan. Waste management facilities proposed as part of the development will be clearly indicated on the submitted plan.

5. Waste Minimization Measures:





We anticipate the generation of specific volumes and types of waste and recyclables. The on-site storage and treatment of waste and recyclables will be clearly outlined. Disposal methods for residual waste and recyclables will be defined, along with operational procedures for ongoing waste management post-development.

6. Compliance with Regulations:

We commit to ensuring compliance with relevant legislation, including the Protection of the Environment Operation Act 1997. Guidelines for the transport and disposal of waste to lawful facilities will be strictly followed, adhering to waste legislation administered by the Environment Protection Authority (EPA) and relevant Occupational Health and Safety legislation administered by WorkCover NSW.

7. Record Keeping:

Detailed records, including weighbridge dockets and invoices for waste disposal or recycling services, will be maintained. Evidence of compliance with specific industrial waste laws and protocols will be readily available.

8. Demolition and Construction Waste Management:

For demolition, we emphasize adaptive reuse opportunities, materials recycling, and waste minimization. Controls will be implemented to optimize adaptive reuse, maximize material recycling, and minimize waste generation during the demolition and construction phases.

The site is predominately already cleared, but any further demolition or clearing that is required, the materials will either be reused throughout the site or recycled wherever possible.

During the Construction Phase, we have minimised the waste wherever possible with all key equipment being containerised and therefore will be dropped into place without any waste created. Civil work and cabling the site together will be the main activity on site and will generate minimal waste.

9. Collection and Storage:





Designated areas for the storage of materials for reuse, recycling, and disposal will be allocated, taking environmental factors into consideration. Collection bins and storage areas will be clearly labelled, and measures will be implemented to prevent damage, odours, health risks, and windborne litter.

10. Transportation:

All waste generated will be transported to lawful waste facilities. Records demonstrating lawful disposal will be retained and made readily accessible for inspection by regulatory authorities.

11. Conclusion:

We reiterate our commitment to sustainable waste management and express our willingness to collaborate with relevant authorities for inspections and compliance checks. For further inquiries, please contact Joanna Leigh 0424951667.

This Waste Minimisation and Management Plan will be submitted with the development application for the Hive Storage Project.





Appendix A: Site Waste Minimisation and Management Plan

Applicant Details	
Application No.	
Name	Cingu 23086
Address	981 New England Highway, Aberdeen
Phone number(s)	
Email	
Project Details	
Address of development	981 New England Highway, Aberdeen
Existing buildings and other structures currently on the site	Two dwellings and a concrete batching plant on site.
Description of proposed development	Project Hive Battery Energy Storage System with Containerised batteries, inverters and O&M buildings.
<p><i>The details on this form are the provisions and intentions for minimising waste relating to this project. All records demonstrating lawful disposal of waste will be retained and kept readily accessible for inspection by regulatory authorities such as council, DECC or WorkCover NSW.</i></p>	
Name	Joanna Leigh
Signature	
Date	18.12.2023





Appendix B: Demolition Waste

Type of waste generated	Reuse Estimate Volume (m ³) or Weight (t)	Recycling Estimate Volume (m ³) or Weight (t)	Disposal Estimate Volume (m ³) or Weight (t)	Specify method of on site reuse, contractor and recycling outlet and /or waste depot to be used
Excavation material				
Timber (specify)				
Concrete				
Bricks/pavers				
Tiles				
Metal (specify)				
Glass				
Furniture				
Fixtures and fittings				
Floor coverings				
Garden organics				
Containers (cans, plastic, glass)				
Paper/cardboard				
Residual waste				
Hazardous/special waste (specify)				
Other (specify)				





Appendix C: Construction Waste

Type of waste generated	Reuse Estimate Volume (m ³) or Weight (t)	Recycling Estimate Volume (m ³) or Weight (t)	Disposal Estimate Volume (m ³) or Weight (t)	Specify method of on site reuse, contractor and recycling outlet and /or waste depot to be used
Excavation material				
Timber (specify)				
Concrete			6 (t)	TBC - Local
Bricks/pavers				
Tiles				
Metal (specify)				
Glass				
Furniture				
Fixtures and fittings				
Floor coverings				
Garden organics				
Containers (cans, plastic, glass)		0.4 (t)		TBC - Local
Paper/cardboard		0.8 (t)		TBC - Local
Residual waste			1.5 (t)	TBC - Local
Hazardous/special waste (specify)				
Other (specify)				





Appendix D: Ongoing Operations

TYPES OF WASTE LIKELY TO BE GENERATED	ESTIMATED VOLUME PER WEEK (Max)	PROPOSED ONSITE STORAGE AND/ OR PROCESSING	DESTINATION – RECYCLING OR DISPOSAL SITE
Residual waste	30L	Waste storage and recycling area	Recycling and landfill

