



## DECOMMISSIONING STRATEGY

**Hive Battery Developments** will build, commission and operate HIVE Battery Plants for 20 year terms.

It will decommission end of term Battery Plants, complying to codes and guidelines.

It accepts Plant lifecycle commitments of decommissioning, and site remediation.

Sites designed and built with light construction methods in order to ensure effective demobilisation of all plant and equipment at Site end of life.

It fully supports sustainability, aiming to reuse, recycle or repurpose all plant and equipment.

Battery Cell recycling is advancing quickly with good operations already operating in Australia.

All other plant and equipment is recyclable or reusable.

### Decommissioning Process Summary

- Plant Decommission Decision
- Site Survey
- Approvals
- Decommissioning Plan
- Taking Plant Offline
- Conduct Decommission
- Rehabilitate Site
- Reuse, Recycle and or Resell
- Reporting and Tracking

Hive Battery Developments will reserve resources to cover the decommissioning process for each Battery Site.

**Decommissioning Sequence is summarised on the following Page:**





## DECOMMISSIONING SEQUENCE

Decommissioning BESS projects begin within 12 months of Site ceasing operation with 6 month timeframe to completion of decommissioning works.

Monitoring and site restoration may extend beyond this period to ensure successful revegetation and rehabilitation..

HIVE Battery Solutions will be responsible party for Project decommissioning.

Anticipated sequence of decommissioning and removal is described below, noting overlap of activities determined by chosen decommissioning contractor.

- Reinforce access and internal areas, if needed, and prepare Site for component removal.
- Install temporary fencing and best management practices to protect sensitive areas and resources
- De-energize BESS
- Remove BESS Battery Storage Units
- Remove Power Conversion System
- Remove support piers and foundations
- Remove electrical cables and conduits
- Remove perimeter fencing
- Remove external and internal access and grade site
- Decompact subsoils [where required], restore and revegetate Site land to pre-construction land use to extent practicable including the following steps below:
  - Gravel pavements removed, stockpiled and removed to a suitable recycling facility after a clearance certificate has been issued by a geotechnical engineer.
  - The pad sites shall be excavated to 100mm below natural surface levels and stockpiled.
  - 100mm of topsoil and grass seeds shall be spread over the area of the pad site.
  - If Site permits and land owner agrees, pad material can be spread on site (providing the location is not flood prone).
  - Where material is being spread on site; strip topsoil, spread pad material, replace topsoil and grass seed.
  - Where the excavated material, from the pads, is being removed from the site. Prior to removal it shall be tested by a geotechnical engineer for supply of an Excavated Natural Material (ENM) report.
  - If the ENM report confirms the material is not contaminated it can be reused on another development site.
  - If the ENM report identifies contaminants, the material must be disposed of, via an appropriate method, to a suitable waste disposal centre.

