

SITE LAYOUT
SCALE: 1:2000

LEGEND:

	SITE BOUNDARY FENCE
	CADASTRAL
	EXISTING FENCE
	EXISTING FENCE TO BE REMOVED
	MEDIUM VOLTAGE POWER STATION
	BATTERY BLOCK
	AUX TRANSFORMER (NOTE 8)
	FIRE WATER TANK


SYSTEM RATING	225MW/900MWh
NUMBER OF INVERTERS	74
INVERTER RATING	CHARGING 3.95MVA DISCHARGING 4.4MVA
MVPS TRANSFORMER RATING	4.4MVA
NUMBER OF BATTERY CONTAINERS	370
BATTERY CONTAINER SUPPLIER AND MODEL	SEE NOTE 9

- NOTES:**
- THIS DRAWING SHOWS THE 33KV CONNECTION OPTION.
 - FINAL LOCATION OF THE RETENTION POND IS SUBJECT TO THE LOWEST POINT ON SITE.
 - ALL UNDERGROUND SERVICES TO BE IDENTIFIED AND LOCATED PRIOR TO ANY WORK BEING PERFORMED ON THE 33KV CABLE CORRIDOR, ACCESS ROAD AND FENCING.
 - LAYOUT SUBJECT TO CONNECTION AGREEMENT AND DETAILED DESIGN.
 - EXISTING STRUCTURE WITHIN PROJECT SITE WILL BE REMOVED.
 - LAYDOWN AREA TO BE CONFIRMED DURING DETAILED DESIGN.
 - LOCATION OF THE GATES WILL BE CONFIRMED DURING DETAILED DESIGN, CONSIDERING RESTRICTIONS FOR THE SOLAR FARM SITE.
 - AUX TRANSFORMER SIZING SUBJECT TO DETAILED DESIGN.
 - BATTERY CONTAINER SUPPLIER TO BE CONFIRMED PRIOR TO DETAILED DESIGN. BYD MC CUBE-T ESS BATTERY SPECIFICATIONS WERE USED FOR LAYOUT AND SPATIAL PLANNING PURPOSES. ELECTRICAL DESIGN WAS COMPLETED USING CATL ENERC+ (1.528 MW / 2.874 MWH).

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REFERENCE DRAWINGS						REFERENCE MODELS									
REV	DATE	REVISION DETAILS				REV	DRAWN	DESIGNED	VERIFIED	APPROVED					
C	2024.07.05	UPDATES AS PER CLIENT FEEDBACK				C	M.C	E.C/C.M	P.F	J.H					
D	2024.09.20	UPDATED TO 225MW/900MWh BESS				D	M.C	E.C/C.M	P.F	J.H					
E	2024.11.22	UPDATES AS PER CLIENT FEEDBACK				E	M.C	E.C	P.F	J.H					
F	2025.09.12	UPDATED AS PER CLIENT REQUESTS				F	J.E	C.H.L	J.G	J.H					
G	2025.10.07	UPDATED AS PER CLIENT REQUESTS				G	J.E	C.H.L	J.G	J.H					

PREPARED BY



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CERTIFICATION	No.	CERTIFIER	DATE

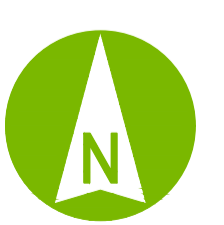
CLIENT



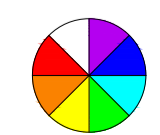
CLIENT DOCUMENT NUMBER
GRE.EEC.D.99.AU.E.11131.00.008.05

REV

Coordinate system
-
Height datum
-



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IN COLOUR



CONSTRUCTION STATUS
NOT FOR CONSTRUCTION

DRAWN BY
M.CHAPMAN

DESIGNED BY
E.CHEN/C.MASON

STATUS
SUITABLE FOR STAGE APPROVAL

DOCUMENT STATE
SHARED

PROJECT
EMEROO BESS

TITLE
EMEROO BATTERY ENERGY STORAGE SYSTEM
OVERALL SITE LAYOUT

DOCUMENT CODE
525831-W00001-DRG-EL-0001

SCALE	SIZE	REFERENCE No.	REV
1:2000	A1	EL-0001	G

20 0 40 80m
SCALE 1:2000

All written dimensions take precedence over scaled dimensions.