



# Braidwood Renewable Energy Project

Community meeting

19<sup>th</sup> March 2026



# Meeting outline

- EDP introduction
- Why Braidwood
- Islandable Microgrid information
- Location Specifics
- Benefits
- Updates
- Q&A

# A global energy company

**EDPR Australia Core Capabilities**

-  **Well-seasoned Team**  
Team is lead by Simon Franklin and Mishka Talent, that together have over 30 years of experience in the market
-  **Exceptional Engineering Capabilities**  
Highly skilled team on grid location-findings: technical and structured approach to development
-  **Robust and Scalable Pipeline**  
Pipeline included and prospects for new projects being discussed: >3GW of early-stage hybrid and BESS projects
-  **Fast-tracking our Australian Entry**  
Able to hit the ground running in development with +20 people, including BD, land, grid, legal, engineering

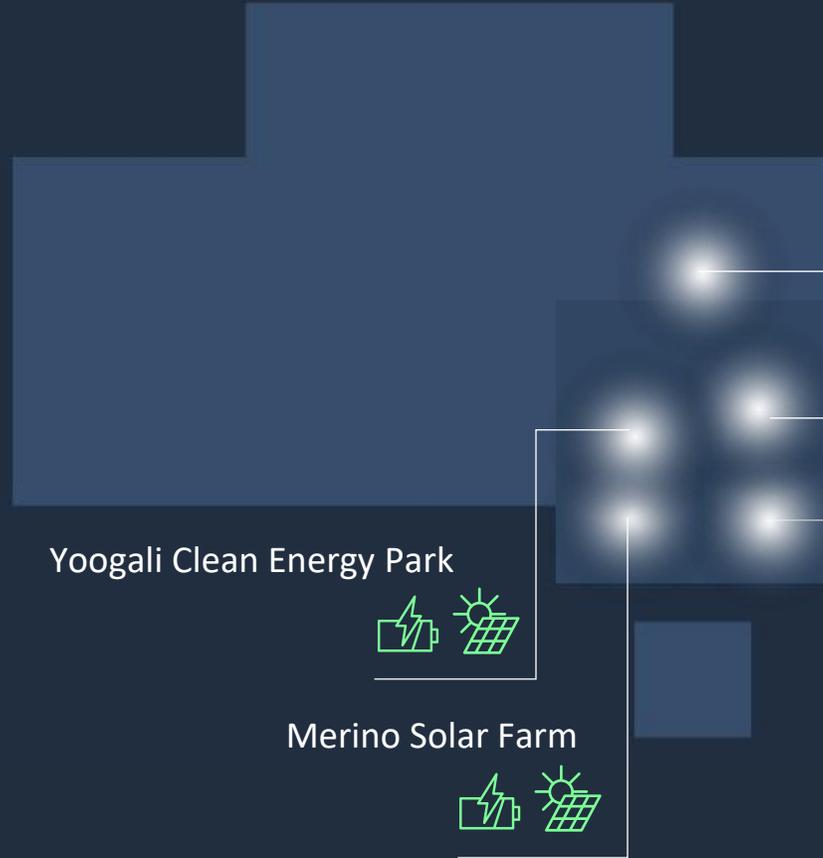


5  
regional hubs

29GW  
Installed Capacity  
\*2024

# EDPR Australia

Main Office: Canberra  
Regional Office: Sydney



Punch's Creek



Orange Community Renewable Energy Park\*  
(Under Construction)

6.8MW

10.5MWh

Yoogali Clean Energy Park



Cobargo Microgrid



Merino Solar Farm



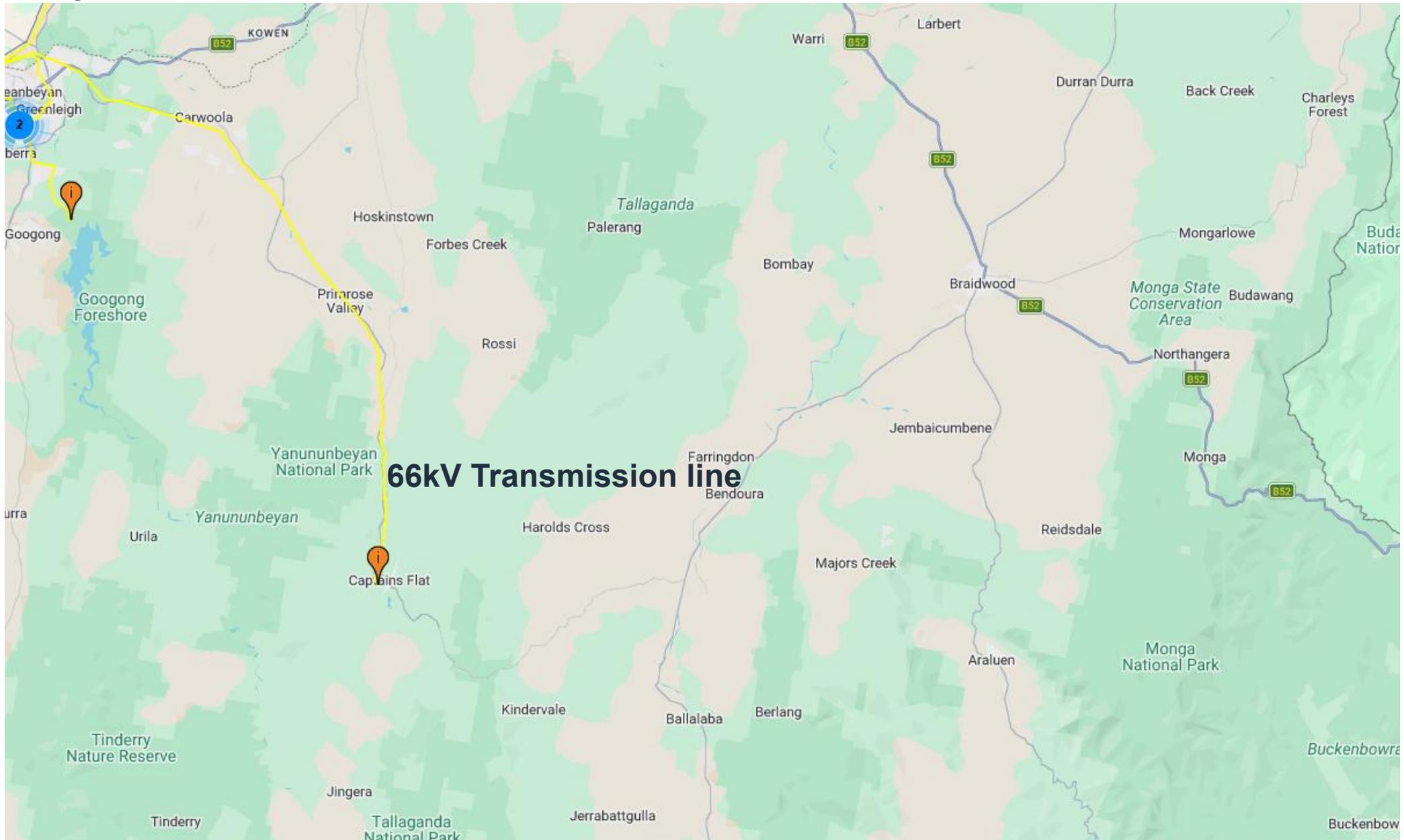
Centralized Generation Solar

Energy Storage System

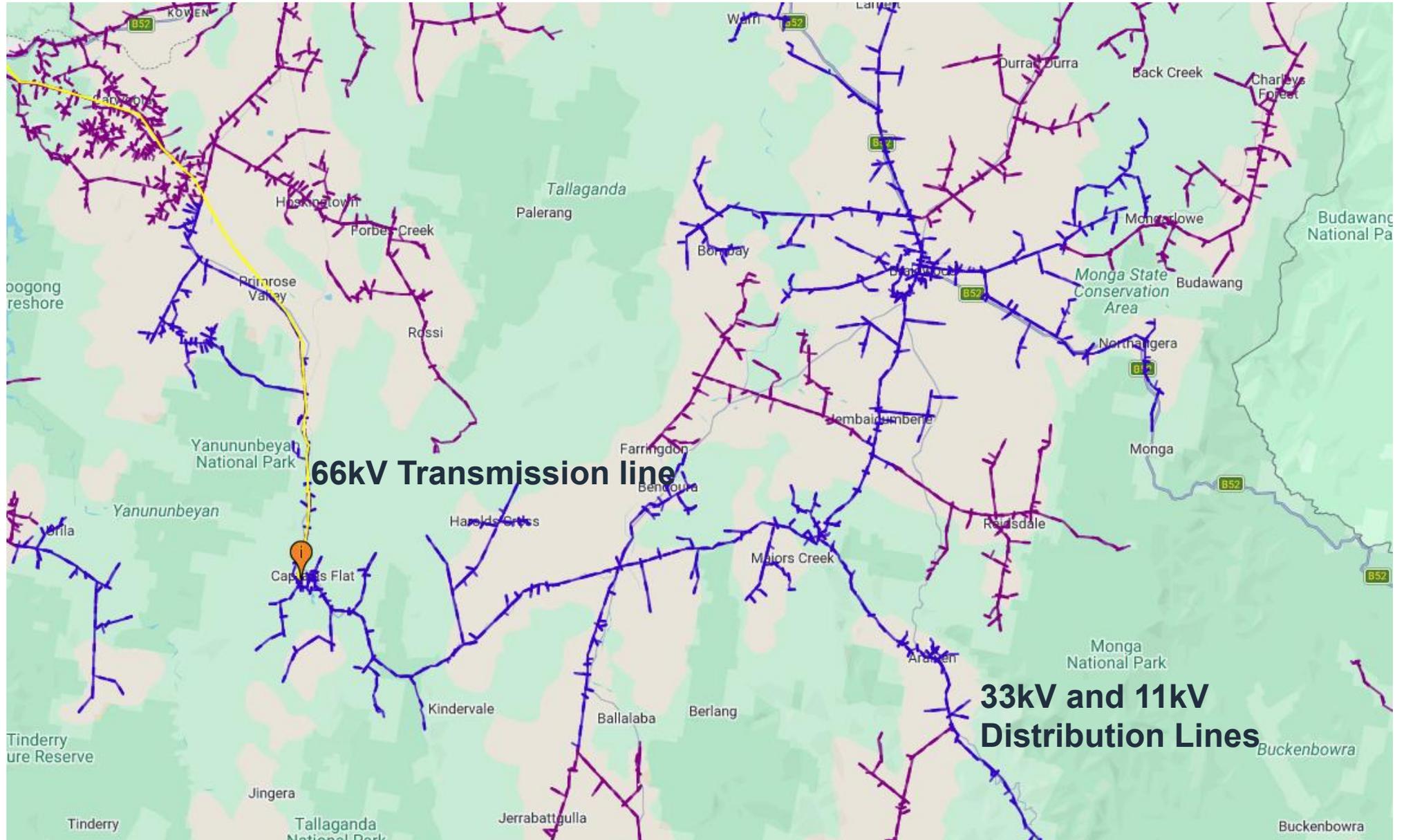
**~2.8 GW**  
projects under development

**~1.2 GW**  
BESS under development

# Why Braidwood?



# Why Braidwood?



# Why Braidwood?

Braidwood Clean Energy (BCE) approached ITP Development to conduct a pumped hydro energy storage (PHES) feasibility study

ITP found the PHES to be infeasible however proposed an islandable microgrid system instead to provide green power

This would involve a solar farm and a battery connected as a microgrid which will improve Braidwood's energy resilience

BCE has supported this project along its development, ITP was acquired by EDP

# What is a Islandable Microgrid?

An islandable microgrid is a small-scale energy system which can be disconnected and operated independently from the main grid.

(The regions connection to the Grid)

Captains Flat  
substation



When critical failure (such as a bushfire) affects a transmission line Braidwood and surrounding regions are vulnerable to blackout

# What is a Microgrid?

A microgrid is a small-scale, localised energy system which can be disconnected and operated independently from the main grid.

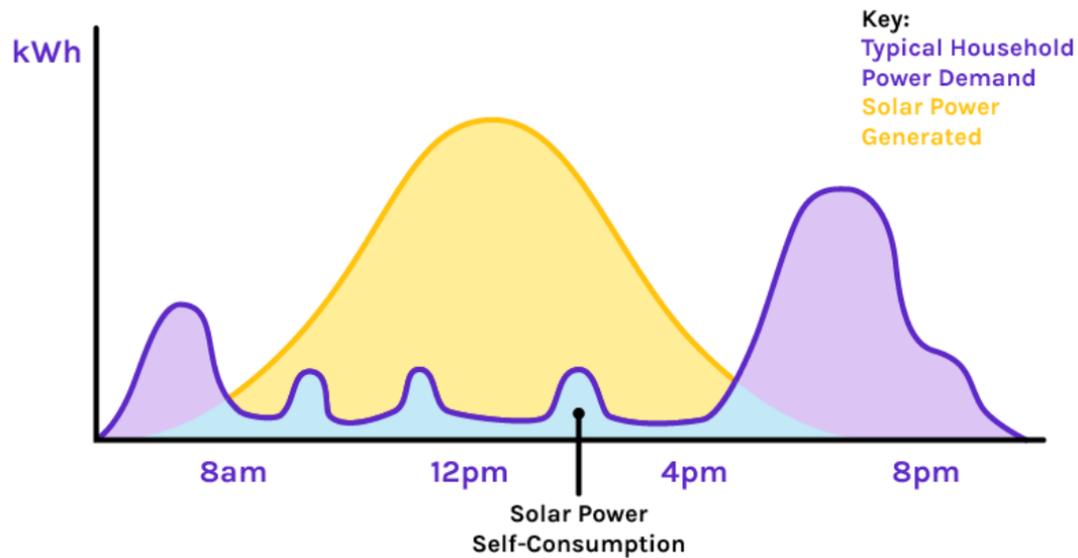


A Microgrid provides power to the region while connection to the National Energy Market (NEM) is down. It is supported by >2MW of rooftop solar and household batteries which allow you to support your neighbors during a failure event.

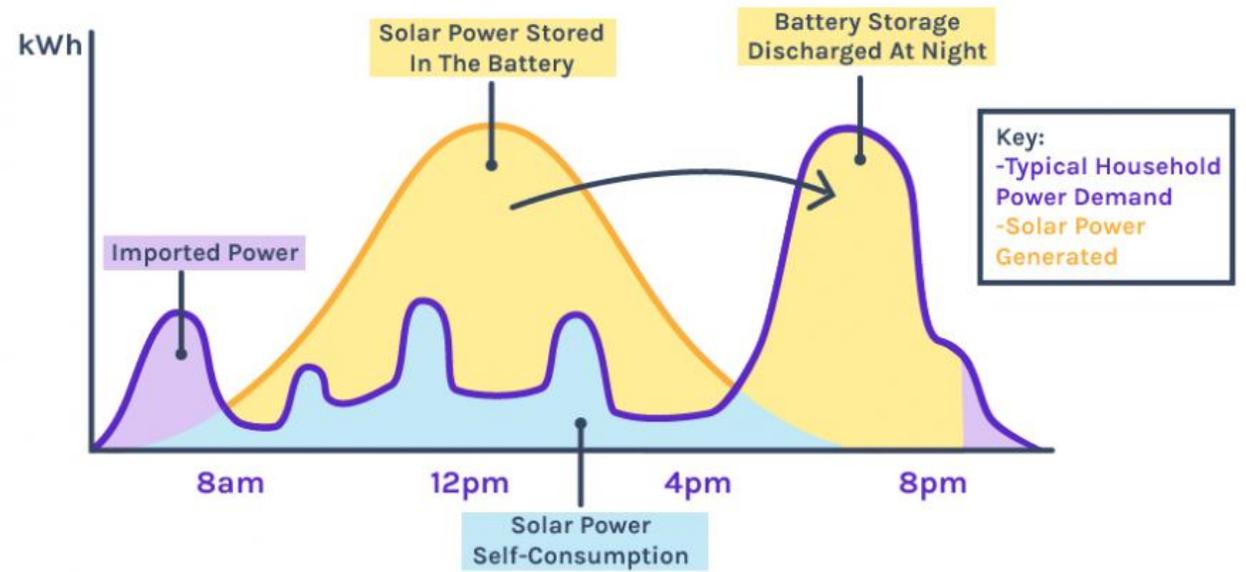
At all other times the microgrid acts as a grid connected power system inputting to the NEM

# How do the systems operate together?

## Solar System



## Solar System and Battery

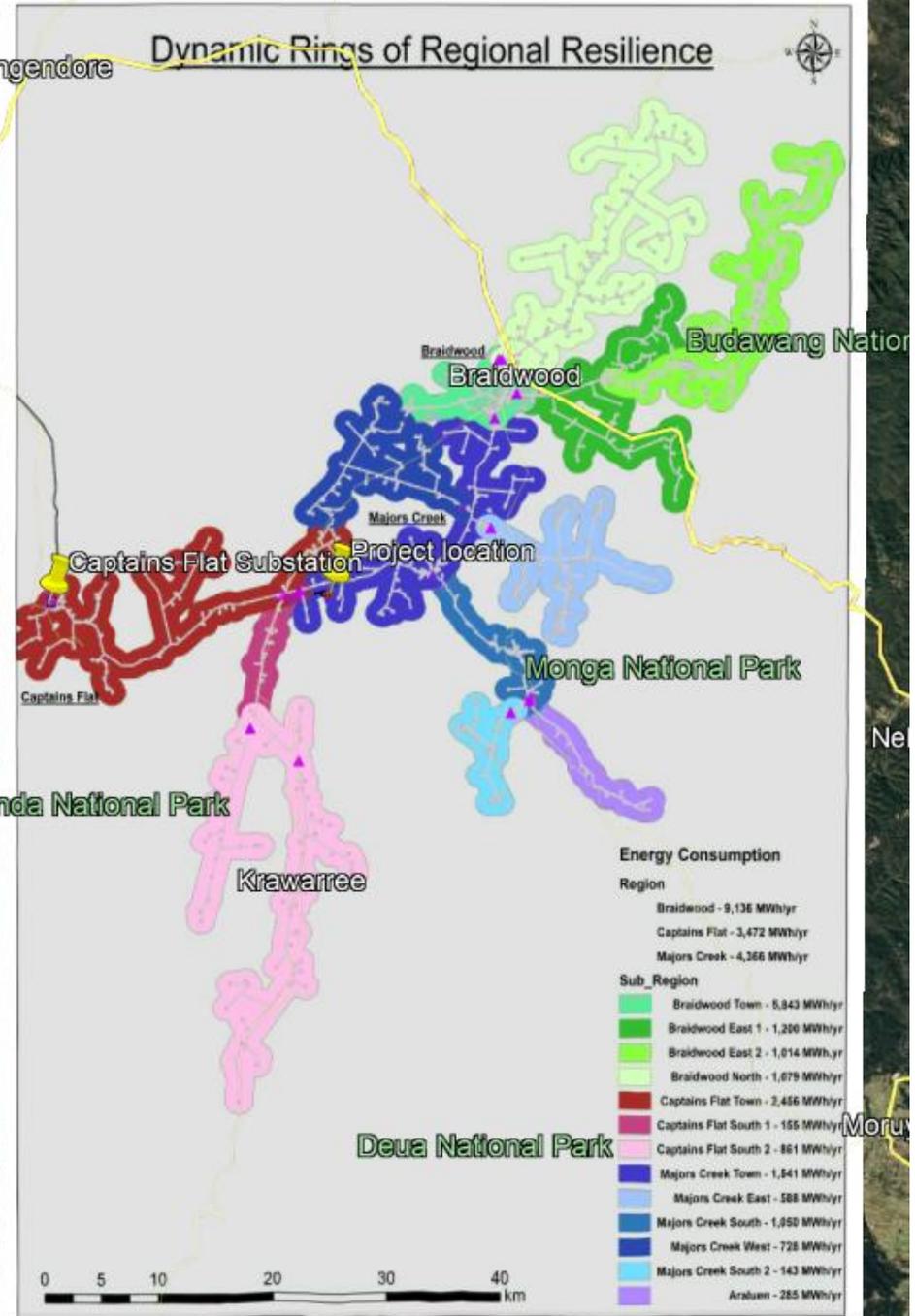


\*this graph is not reflecting the demand/supply of Braidwood specifically

# Location Specifics

20km South-West of Braidwood,  
 20km East of Captains Flat,  
 7km West of Majors Creek

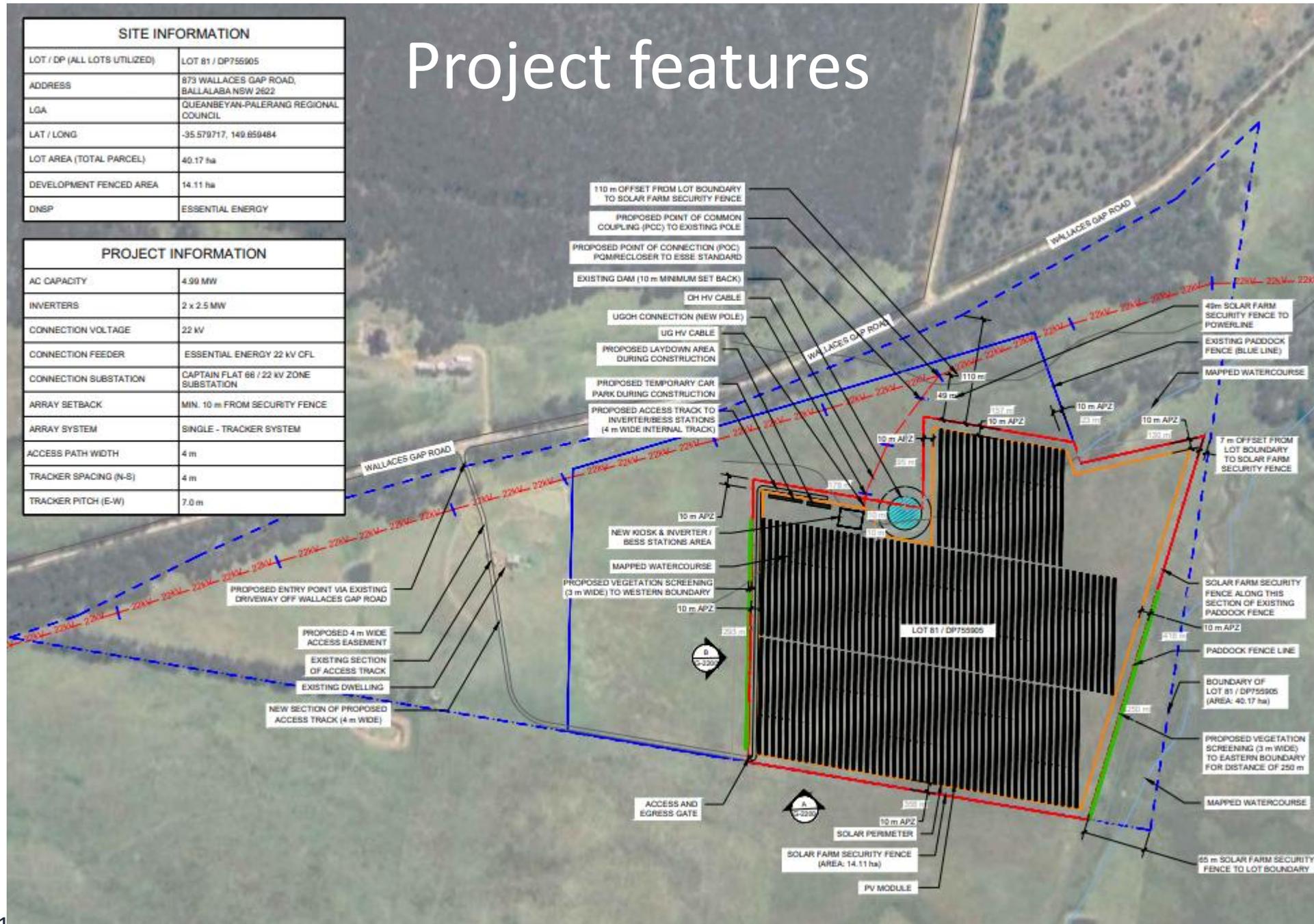
Townships:  
 Braidwood, Captains Flat, Majors Creek,  
 Araluen



# Project features

SITE INFORMATION	
LOT / DP (ALL LOTS UTILIZED)	LOT 81 / DP755905
ADDRESS	873 WALLACES GAP ROAD, BALLALABA NSW 2622
LGA	QUEANBEYAN-PALERANG REGIONAL COUNCIL
LAT / LONG	-35.579717, 149.850484
LOT AREA (TOTAL PARCEL)	40.17 ha
DEVELOPMENT FENCED AREA	14.11 ha
DNSP	ESSENTIAL ENERGY

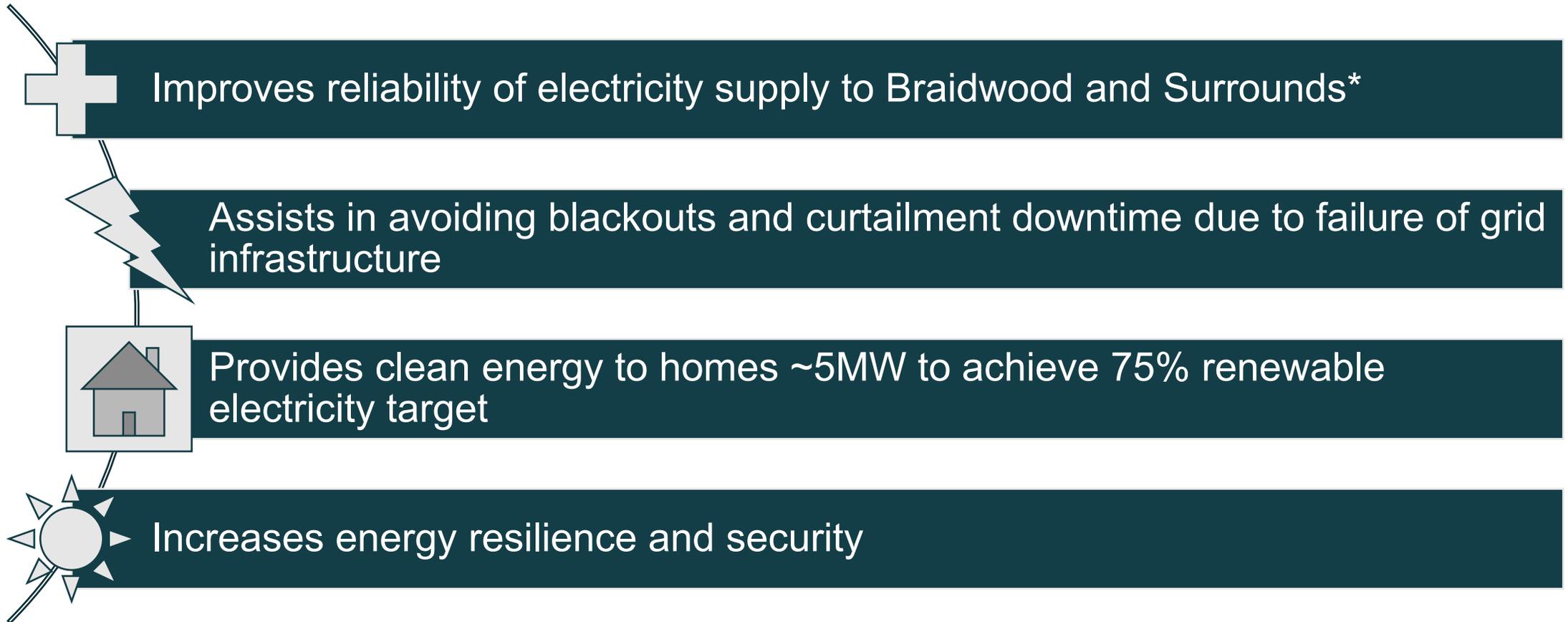
PROJECT INFORMATION	
AC CAPACITY	4.99 MW
INVERTERS	2 x 2.5 MW
CONNECTION VOLTAGE	22 kV
CONNECTION FEEDER	ESSENTIAL ENERGY 22 kV CFL
CONNECTION SUBSTATION	CAPTAIN FLAT 68 / 22 kV ZONE SUBSTATION
ARRAY SETBACK	MIN. 10 m FROM SECURITY FENCE
ARRAY SYSTEM	SINGLE - TRACKER SYSTEM
ACCESS PATH WIDTH	4 m
TRACKER SPACING (N-S)	4 m
TRACKER PITCH (E-W)	7.0 m



4.99MW Solar Farm coupled with a 5MW/10MWh BESS (Battery energy storage system)

Development fenced area is 14.11 ha

# Benefits for the Braidwood Community



\*Listed villages within the rings of resilience

# Project Updates

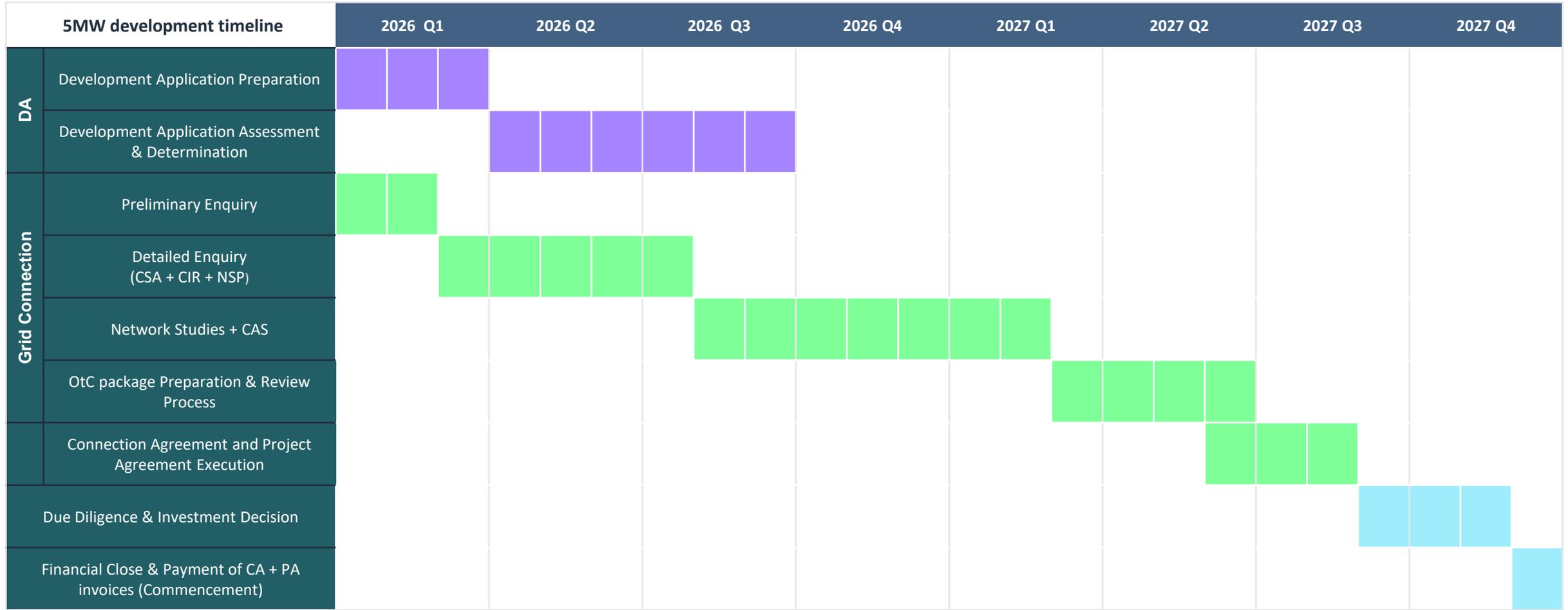
EDP has been shortlisted for an Australian Renewable Energy Agency (ARENA) Grant under the Regional Microgrids Program for the Research and development required for this project.

This is the regulatory investigation that is required to complete this first-of-its-kind third party owned grid connected microgrid.

The Development Application (DA) was submitted to Council staff last week on Friday (13/03/26)



# Project Timeline



# Questions?



edp

Renewables