

Bellambi Heights Renewable Project

Community Information Package

February 2022



**VENA
ENERGY**
AUSTRALIA

Battery and Solar

*From a golden history comes a
future of renewable possibilities*

Project Overview

The Bellambi Heights Renewable Project (BHRP) is a 200MW solar farm and 200MW Battery Energy Storage System (BESS) proposed on the junction of Puggoon Road and the Castlereagh Highway.

The Project was initially introduced to the community as the Gulgong Solar Farm in 2019. After hearing the early community feedback, we have listened and have revised our design to mitigate impacts to the community, significantly reducing the development footprint.

Legend

-  BHRP Boundary
-  BHRP Access Point
-  TransGrid Property
- Historic Stage Boundaries*
-  Stage 2
-  Stage 3
- Existing Transmission Lines*
-  132kV
-  330kV
-  Substation
-  Highway
-  Arterial Road
-  Local Road
-  Towns
-  Railway
-  Watercourse
-  Lot

**Stage 2:
Removed**

**Stage 3:
Removed**

**Stage 1:
Refined**

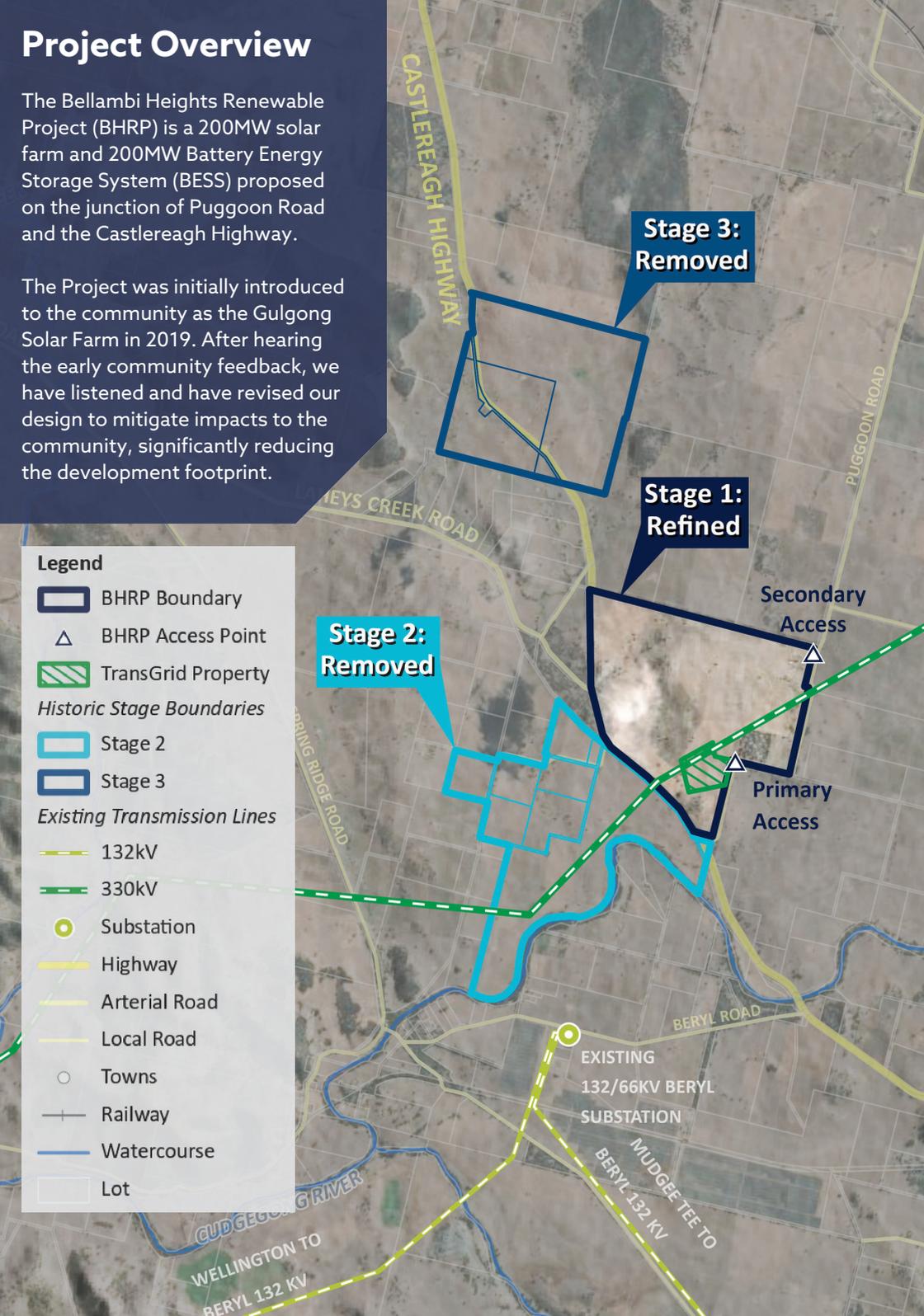
Secondary
Access

Primary
Access

EXISTING
132/66KV BERYL
SUBSTATION

BERYL 132 KV
MUDGEE TEE TO

WELLINGTON TO
BERYL 132 KV



History and Refinement



Project Identity

- Revision of project name to Bellambi Heights Renewable Energy Project.



Development Footprint

- Scaling down from three stages to one.
- Reduction in development footprint from 820ha to 304ha.
- Over an 80% decrease in the number of sensitive receivers within 500m of the site.



Generation Capacity

- Revised solar generation capacity from 500MW to 200MW, which can generate approximately 400 gigawatt hours (GWh) of energy annually which is enough to power approximately 92,000 homes.
- Revised BESS from 600MW to 200MW across 2 stages. The BESS will have two hours of storage capacity, the equivalent of powering approximately 161,000 homes annually.



Visual Mitigation

- Relocation of administrative and control facilities to a less prominent location on site.
- Provision of native vegetation screening which varies in width between 10-20m, established inside the site, beyond the existing vegetated road reserve.
- Excluding 5ha in the north west corner of the site from the potential buildable footprint, mitigating views from the Highway.



Transportation and Access

- Over 70% reduction in the Project's highway frontage.
- Relocation of main access point from Castlereagh Highway to Puggoon Road.



Next Steps

for Bellambi Heights Renewable Project



Meetings with the Department of Planning, Infrastructure and Environment, the Renewable Energy Zone team and Mid-Western Regional Council to provide an update on the Project's progress and refinement.



Launching our Project website, hotline, and email address and reconnecting with those community members previously consulted to highlight the refinement of the project.



Introducing the Project and our team to those nearby community members we haven't yet had the opportunity to consult.



Finalisation and lodgment of the Project Scoping Report in early 2022.



Giving the community an update on progress by newsletter upon receipt of the Secretary's Environment Assessment Requirements in Q1 2022.



Proceeding with extensive future engagement activities and environmental assessments during the completion of the EIS preparation from Q1 2022.

Overview

Vena Energy Australia

Vena Energy is a hands-on independent power producer with 16 gigawatts (GW) of renewable energy projects across the Asia Pacific region. Vena Energy Australia is an arm of Vena Energy, and we take immense pride in developing, building, owning, and operating our 2.5GW Australian renewable energy pipeline. We are determined to be a catalyst in Australia's transition to renewable energy, and answer the call for cleaner energy, paving the way for a more sustainable future.

The Bellambi Heights Renewable Project will be our first project in New South Wales, and we are excited to contribute towards achieving the 2050 net zero emissions target by delivering clean renewable energy to the State.

Our first development in Australia was the Tailem Bend Solar Project which is a 95MW solar farm located in South Australia. This project has been generating electricity for South Australians since April 2019. The annual generation of the Tailem Bend Solar Project is the equivalent of the electricity used by 40,000 South Australian homes annually.

Our footprint in South Australia is expanding following the successful approval for Stage 2 of the Tailem Bend Project in July 2018. We look forward to commencing construction of the 87MW solar farm and 41.5MW BESS in 2022 and bringing another renewable project to the network.

Within Queensland we are building the Wandoan South Project, which includes both BESS and solar, to be constructed across several stages. Construction of the first stage of the 100MW/150MWh Wandoan South BESS is complete, commissioning is in progress and is anticipated to be fully operational in early 2022. The Wandoan South BESS is capable of powering up to 57,000 Queensland homes annually.

The team are eagerly preparing for the first stage of solar as part of the Project in the Western Downs, Wandoan Solar Stage 1. Proposed to be a 125MW solar farm that will leverage the sunshine on the Darling Downs, with construction anticipated to commence in early 2022.

Contact us

We want to hear from you!



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How to get involved

We are currently preparing a Social Impact Assessment (SIA) for the BHRP.

We are seeking your feedback and participation in this process over the coming months to understand community perceptions of the Project better.

You are invited to participate in a community survey to help inform the SIA, which will take approximately 15 minutes to complete. Scan the QR code below to access:



Bellambi Heights Renewable Project
Community Survey
Scan to Access

You can also get in touch with us using:



Website

www.venaenergy.com.au



Email

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