

NARRABRI COMMUNITY BATTERY

“SHENSTONE” 2952 CULGOORA RD WEE WAA

A small-scale battery located within an existing industrial site



Image of a community battery similar to the Narrabri Community Battery - one of 400 provided across Australia through this funding.

WHAT IS A COMMUNITY BATTERY?

A community battery is a small, grid-connected energy storage system that stores excess solar energy during the day and releases it when it is needed, such as in the evening.

It is larger than a household battery but much smaller than large grid-scale batteries, with a footprint of about 4m by 5m.

WHY COMMUNITY BATTERY?

Our electricity system is transitioning to more renewable energy like solar and wind.

Solar energy, such as our rooftop solar, is generated during the day, but demand is often higher in the morning and evening.

Community batteries help store excess solar energy and make it available when it is needed.

HOW DO LOCALS BENEFIT?

100% of operating profits will support local community energy projects.

- Helps more homes and businesses to install solar
- Stores excess solar energy for use later
- Supports a more reliable local electricity network
- Builds a locally-owned model for community energy

WHAT SAFETY FEATURES DOES IT HAVE?

Commercial-scale batteries are designed with multiple safety systems and are subject to strict standards.

It has inbuilt heat and smoke detector systems and an integrated fire suppression system. Any problems detected automatically switch off the battery remotely. It will be located within CSD's existing industrial facility that has fire and flood safety measures in place.

Designed and tested to relevant Australian and international standards (including UL 9540A).

WHAT ROLE IS CSD PLAYING?

The battery will be located at “Shenstone”, Cotton Seed Distributor's factory site, behind the administration building carpark on a grassed area. CSD will host the battery.

WHAT DON'T THEY DO?

Community batteries are connected to the electricity grid and are not designed to provide backup power during blackouts.

Nor is it possible for the battery to service individual homes or businesses.

Households seeking backup power may consider a home battery system.

WHO IS GENI.ENERGY?

Geni.Energy is a non-profit organisation established in 2020 to create local benefits from the shift to renewable energy. This project has been funded by federal government funds..

Supported by the Australian Government's Community Batteries for Household Solar Program



Australian Government

**Department of Climate Change, Energy,
the Environment and Water**



Learn more: www.geni.energy/community-battery

Or get in touch: 0459 944778