Frequently asked questions

1. **What will it look like on site?**

The battery will be located within a small container, estimated size 2.9m x 2.9m x 2.5m. The State Government are considering options to include public art on the outside.

2. **Where will the proposed battery be located on the site?**

The Community Battery will be located off Tower Terrace, situated in the rear garden of the Marion City Band Hall located at 48 Dumbarton Avenue.



CB – Community Battery
PMT - Pole Mount Transformer (SA Power Networks infrastructure)

3. **How is the battery kept cool in the summer?**

The battery will be cooled by a split system air conditioner.

4. **Will the battery generate much noise?**

The noise generated is expected to be limited to that of one standard split system air conditioner.

5. **Is there a fire risk?**

The Tesla Powerwall system is certified to the most stringent safety standards for energy storage. This includes UL1973, IEC 62619 as well as grid connection and inverter standards including IEC 62109, IEC 62116 and AS 4777.2. Under normal operating conditions, the battery technology proposed (Powerwall) is rated 'not applicable' for fire risk by its manufacturer, Tesla.

6. **Will the Community Battery result in any interference to radio or tv signals in the area?**

No. It is not anticipated there will be any interference with radio or tv signals. Similar community batteries have been installed across Australia with no known interference.

7. **Will there be regular maintenance activities undertaken on the battery?**

Maintenance should be limited. Similar projects have required annual servicing.

8. **What is the expected life of the battery?**

The battery is anticipated to have a 15-year life.

9. **As a local resident, can I also benefit from the scheme?**

At this stage access to energy stored in the battery will be only given to SA Housing Authority housing. If this does change during the project's lifetime, you will be advised accordingly.

10. **Is council paying for the battery?**

No. The Government of South Australia in partnership with SA Power Networks and the City of Marion have secured $500,000 grant funding from the Australian Government's Community Batteries for Household to establish a community battery in Edwardstown.

11. What is council's role?

The City of Marion is proposing to provide a 15-year lease ($1 per annum rent) on community land located over a portion of 48 Dumbarton Avenue, Edwardstown to house the community battery.

12. What properties will be supplied by the battery?

Housing SA Authority residents will benefit from the battery through a special electricity plan. At least 300 households in Edwardstown and surrounds without direct access to solar are eligible to access the plan which will reduce their electricity bills by up to $423 each year.

13. Where does the excess power come from?

The battery will store excess energy from the grid at times when renewable energy is in plentiful supply.