



Belair Community Centre Solar and Battery

Installation of a 20kW solar panel array and 25-40kWh battery at the Belair Community Centre

Description

Proposal

Administration proposed to install approximately 20kW solar panel array and 25-40kWh battery on to the Belair Community Centre.

Background

This proposal is aligned with Mitcham's Sustainability Goals and City Power Partner Pledges to increase the level of renewable power for council operations. With the installation of the proposed solar panels and battery, the cost of energy for the building would be greatly reduced with potential of earning credit from selling excess power to the grid. This proposal will increase Council's renewable energy coverage and decrease carbon emissions, keeping on track to reach our sustainability and climate goals.

In 2020, Mlei Engineers undertook a rooftop assessment of the Centre (see Attachment A), indicating the optimal number and positioning of solar panels the building can hold. The size of the battery is yet to be scoped and will require a full assessment of utility bills from the tenants of the building. Additionally, it is anticipated that Shinehub will deliver the project through the community renewables program, pending an exemption from procurement.

Community Benefits

- Reduce carbon emissions
- Reduce council's operational costs
- Support local suppliers and installers

No Rate Rise Required*

**Subject to successful negotiation of lease agreement to ensure return on investment / no ongoing cost to Council.*

Primary Theme

Theme 2.1 Climate Change Mitigation & Resilience

Community Insight

Council is doing enough to respond to climate change

Other Information

- ☐ Pending Grant Funding
- ☐ Future Grant Funding Request
- ☒ Priority Theme
- ☐ Non-Priority Theme

General Manager

Wade Reynolds