
**MM27/24 ASSESSMENT OF SUSTAINABILITY PRACTICES -
INSTALLATION OF SOLAR SYSTEMS ON COUNCIL
ASSETS - Mayor, Councillor Trenton Brown****File Number: MYR/07/10/20 - BP24/622**

In 2020, Council undertook a comprehensive energy audit to assess opportunities for future efficiency upgrades aimed at reducing long-term costs and emissions from key council assets. This assessment formed the foundation for the Green Revolving Fund, which was adopted in February 2023, to guide the implementation of sustainable practices within-Council's operations.

By ensuring that solar panels and other renewable energy technologies are integrated into its facilities, Council can demonstrate its commitment to sustainability and reduce its environmental footprint. The **attached** table identifies twelve Council facilities/projects that were chosen for solar systems to be installed.

As part of the Amenities Renewal and Upgrade Program, the recently completed amenities block at Christie Park, Macquarie Park, delivers a new, modern facility located south of the synthetic fields. This building serves park user groups and acts as an administrative base for the Northwest Sydney Football Association. The construction of the new amenities block at Christie Park did not include the installation of solar panels due to funding constraints.

RECOMMENDATION:

- (a) That Council acknowledge that a total of 8 out of 12 solar PV systems have been installed across the City of Ryde since 2016, with the last system completed in 2024. Of the remaining 4 assets, 3 fell outside the adopted site suitability assessment criteria as either they would not provide a reasonable payback, or the future of the asset was still to be determined long term. The fourth system at Christie Park was not installed due to site constraints and economic considerations.
- (b) That staff undertake an assessment of the Christie Park Amenity Facility roof to determine whether a solar system can be installed that complies with Council's criteria which includes obtaining a return on investment (ROI) in less than 7 years, considers asset ownership, other asset life considerations, utilisation (to achieve a suitable 'payback period') and is based on a whole of cost for installation.
- (c) That Council be provided an update on the findings via the Councillor Information Bulletin within 3 months.

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- (d) That such report is to include an assessment of the Christie Park Amenity facility and provide potential funding sources if it is recommended the project proceed.

ATTACHMENTS

- 1** Council facilities and projects chosen for solar system installation

Report Prepared By:

Councillor Trenton Brown
Mayor

MM27/24 (continued)
ATTACHMENT 1

Asset, location	Installation year	Solar size, kW	Justification if not proceed
RALC, 504 Victoria Road, Ryde	2019	300.33	completed
Operations centre, 1 Constitution Road, Meadowbank	2020	16.69	completed
Eastwood Library, Corner Hillview Road and, W Parade	2024	29.92	completed
Eastwood Hall, 159 Shaftsbury Rd	2017	7.84	completed
Marsfield Hall, 1A Trafalgar Place, Marsfield	2022	8	completed
Meadowbank Park, Ross Smith Ave, Meadowbank	2022	6	completed
North Ryde Library , 201 Coxs Rd, North Ryde	2016	32.76	completed
West Ryde Community Centre, 3-5 Anthony Rd, West Ryde	2019	26.15	completed
Christie Park, 196 Christie Road, Macquarie Park	-	-	Current use case does not support ROI for an installation
Gladesville Library, 6 Pittwater Rd, Gladesville NSW 2111	-	-	This project has been held off due to confirmation of longevity of the asset for the next 5 years
Ryde ECHC, Early Childhood Centre, Argyle Ave, Ryde	-	-	This project has been held off due to confirmation of longevity of the asset for the next 5 years
ELS Hall Park, 109A Kent Rd, North Ryde NSW 2113	-	-	This project has been hold off as the roof of ELS Hall park is leaking and not suitable for solar install, and the electricity usage is mainly at night for lighting by tenants, not council