

Planning and Development

SOLAR PANELS

Overview

Council supports alternative energy sources to assist in reducing the carbon footprint.

Do I Require Development Approval to Install Solar Panels?

Installation, alteration, repair or maintenance of designated solar panels on a roof of a building do **not** require development approval if it:

- comprises of solar panels that have a total weight not exceeding 100 kilograms; or
- a photovoltaic system comprising solar panels that have a total weight exceeding 100 kilograms if—
 - the weight load is distributed so that it does not exceed 100 kilograms at any 1 point of attachment to the roof; and
 - the panels (and any associated components) do not overhang any part of the roof; and
 - the panels are fitted parallel to the roof with the underside surface of the panels being not more than 100 millimetres above the surface of the roof; and
 - the panels are installed by a person who holds an accreditation under a scheme recognised by the Minister for the purposes of this paragraph.

If any of the above criteria are not satisfied, then full development approval (Development Plan Consent and Building Rules Consent) would be required.

If a building is located within a State heritage place; or if installed on a Local heritage place and they are able to be seen by a person standing at ground level in a public street, then full development approval would be required.

Note: Some properties may be affected by a Land Management Agreement or encumbrance registered on the Certificate of Title of the property which may have some requirements relating to the location of solar panels.

For information on the Non-Complying Development process please refer to the Non-Complying Development brochure (on Council website) or consult with planning staff with any questions on this or any other assessment process.

Specific Development Application Information Required:

- Elevations plan (drawn to scale - view of the roof, panel placement with nominated vertical height of solar panels)
- Structural specifications, panel dimensions and spacing, calculations for tilted array frames
- Engineering certifications, design wind speed calculations including structural adequacy of the existing roof frame to take the additional wind loads imposed by the titled array frames and attached solar panels
- Material details including nominal fixings and specific tie-down fixings for titled array frame.

Other information

Additional information can be found at <https://www.sa.gov.au/topics/energy-and-environment/energy-efficient-home-design/solar-photovoltaic-systems>

- Choosing and installing a solar PV system or battery
- Positioning your solar PV system or battery
- Connecting your solar PV system to the electricity grid
- Safety checks after installing a solar PV system or battery