

CASE STUDY

Stupple Road, Waterloo Corner, South Australia



THE PALMS RESIDENTIAL VILLAGE

ROADWAY ENTRANCE LIGHTING

CHALLENGE

The City of Playford Council approached Green Frog Systems to design a solar light solution for The Palms Residential Village main road entrance. The village has over 250 homes and caters for people 50 years and over. The entrance did not have any main road lighting and hazardous for people visiting or leaving the complex. To install new mains street lighting was going to be a very expensive exercise for the council, adjacent to the intersection is high voltage power lines leaving the best solution solar street lights.

SOLUTION

After undertaking an analysis by Green Frog Systems engineers, our best solution was to install 4x GFS-200 30W LED solar street lights on the park side. A lux simulation was conducted to identify the best location for the lights to be installed. Solar lighting has no ongoing operating costs which a win for the council.

OUTCOME

After installation and inspection, council was very impressed with the outcome. We have received positive feedback from many people living in the pack and they're very happy with the results.



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