

CIVIC CENTRE

CITY OF PLAYFORD EXPERIENCES DRAMATIC DROP IN ENERGY BILLS AT PLAYFORD CIVIC CENTRE



Faced with rising energy costs, The City of Playford engaged Sustainable Focus for a solution to improve energy efficiency and increase renewable energy capacity at the Playford Civic Centre. Sustainable Focus undertook a multi-technology upgrade, combining new energy software with investment in solar generation and LED lighting, and the results have exceeded the council's expectations and slashed the site OPEX.

RESULTS

ANNUAL ENERGY
REDUCTION OF

47%



NETWORK DEMAND
REDUCTION OF

45%



OVERALL
PAYBACK OF

5
YEARS



Working towards the overall objective of reducing council operating costs, Sustainable Focus implemented a suite of energy efficiency measures at the Playford Civic Centre facility, including.

- Energy efficiency improvements with the installation of improved more efficient lighting
- On site generation, with the installation of a 100kW Solar Power system
- Replacement of the old Building Management System with a new upgraded Energy Management System (EMS)

The new upgraded EMS now controls the air-conditioning at the centre, reducing the operating cost of the facility, while improving occupant satisfaction. All the centre HVAC systems have been integrated into a demand management strategy, while the supply and return air ducts for the HVAC units were painted to reduce the effect of ambient heat on the ducting and enhance the overall architectural design of the centre.

The upgrade has seen a dramatic reduction in energy bills for the Civic Centre, surpassing the council's expectations.

CLIENT FEEDBACK

"Our energy bills are down, and our emissions have dropped, while the environment of the centre is hugely improved" -
Jon Roberts - Asset Operations - City of Playford