freedom won AUSTRALIA

JOSEPH BANKS AGED CARE HOSTEL

SOLAR AND STORAGE THAT REDUCE EXPENSIVE GRID POWER



On-site power room



Elpower power conversion and controls

LOWER COSTS FOR AGED CARE

Lower peak demand

The battery helps meet busy periods, reducing the highest demand placed on the grid.

Less power at expensive rates

Stored solar or cheaper off-peak electricity replaces grid purchases during peak and shoulder tariff periods.

100 kW

TOTAL SOLAR

60 kW AC-coupled added to 40 kW existing

200 kWh

BATTERY STORAGE

High-voltage Freedom Won battery

PCS100

BATTERY INVERTER

Elpower power conversion system

250 kW

SWITCH CABINET

Elpower switching and control

ESTIMATED PAYBACK: LESS THAN 5 YEARS

Payback estimate supplied for this case study.