



Crows Nest Community Centre Energy Efficient Hot Water System



GENERAL INFORMATION

Site Address: 2 Ernest Pl, Crows Nest NSW 2065

Type: Council

Estimated Daily HW Usage: 2.5 kL

EXISTING SYSTEM

- Supplied by 2 x Rheem gas boilers and 1 x Everhot electric boilers at end of life and requiring replacement
- Electric boilers used as boosters for gas boilers due to high demand
- Hybrid system resulted in high gas and electric bills
- Experiencing long waiting times on upper floors due to lack of recirculation system

OUR SOLUTION

- Installed 2 x 420L Energy Banks and 4 x 7.2kW HP Heat Pumps
- Reduces HVAC system load by ducting in cold air generated from heat pumps

RESULTS



Estimated Annual Savings

\$2,748



CO₂e Reduction (p.a.)

6 Tons



Payback

2.7 years



Electricity Consumption Reduction (p.a.)

78%

