

POWERHOUSE PARRAMATTA 6 STAR GREEN STAR FACT SHEET

First Public 6 Star Green Star Building – new rating tool
Most sustainable cultural institution in Australia
Net zero emissions operations
Powerhouse Climate Action Plan



NET ZERO EMISSIONS

- Fossil fuel free operations
- Powered by 100% renewable energy
- 100% electric building
- Highly efficient

RESPONSIBLE CONSTRUCTION

- Fossil fuel free construction – Australian first use of renewable diesel
- 40% lower upfront emissions
- 90% of construction and demolition waste diverted from landfill

SUSTAINABLE AND ACTIVE TRANSPORT

- End of trip facilities
- Bike parking
- No car parking onsite

INCLUSIVE DESIGN

- Equal access to building
- Inclusive spaces and amenities
- Diverse wayfinding

LANDSCAPE

- Dedicated conservation area to support biodiversity
- Public productive rooftop garden and landscape with diverse species

SOCIAL SUSTAINABILITY

- Powerhouse Academy and Learning programs
- Strategic partnerships

CLIMATE RESILIENCE

- Undercroft designed for climate change resilience i.e. extreme flooding
- 45% less potable water compared to a code compliant building

LOW TOXIN EXPOSURE

- Electrolysed water used for indoor cleaning
- Low VOC materials and finishes

POWERHOUSE CARING FOR COUNTRY PRINCIPLES

Locality of Place
Knowledge
Respect
Holistic
Vitality – People and Country

Stewardship
Continuing Culture
Cultural Flows
Language
Cultural Expression

