

Building Services – Sustainable and Effective

Independent advice: We are advisors independent of products, suppliers, and contractors
Conventional services combined with cutting edge ESD design
Energy estimation, energy benchmarking and auditing
Renewable power, carbon accounting and carbon budgets, climate impact
Reduced energy use and optimum comfort will reduce the number of hours of air conditioning

Commercial, Educational, Municipal & Institutional Buildings

Medium and small buildings can also have high star ratings



Retirement facilities



Office buildings



Community centres and retail

Our “Smart Vent” can automatically combine free heating and cooling, night cooling, solar-air ducted heating and highly efficient mixed-mode air conditioning.
Our systems can include broadband data acquisition via mobile and satellite



Total project delivery: Mechanical, Electrical, ESD, Solar Power System



Mixed mode ESD system combining:
Occupancy sensing for lights, air conditioning & ventilation
Automatic cross-ventilation – active & passive

Private air terminals



Heritage Buildings

Residential Buildings

Luxury and modest buildings – Single residential & high rise
ESD implementation to achieve natural comfort with efficient energy use
Night cooling, Trombe Walls, solar heat and efficient air conditioning
Solar-air ducted heat integrated Smart-Vent systems
Solar electric power with battery-backup



Private residences



Apartments & Multi-residential

Specialised Building Services

Restaurants, Coolrooms, Freezers
Commercial Refrigeration & Commercial Kitchens
Geo-thermal Ground-source Cooling



Restaurants Coolrooms & Commercial Kitchens



Healey Engineering Pty Ltd

www.understandingenergy.com.au

ABN – 58 084 394 374

Mechanical, Electrical, Energy, Water
Carbon Impact & Star Ratings
Solar Wind & Renewables
Sustainability



Process Cooling, Data Centres, Research Facilities