Achieve environment, economic and social benefits for your building

Discover our Sustainability Services

GROSVENOR
engineering group

Integrated solutions for a sustainable building

Buildings are responsible for a lot of the world's energy waste and overall energy use.

More and more companies are making the responsible decision to decarbonise their operations and improve their environmental footprint. One of the ways in which this is being done is through sustainable building operation practices. Sustainable practices can help minimise waste, conserve energy, and even save money.

Environmental benefits of green buildings:

- Enhance and protect biodiversity and ecosystems
- Improve air and water quality
- Reduce waste streams
- Conserve and restore natural resources

Social benefits of green buildings:

- Enhance occupant health and comfort
- Improve indoor air quality
- Minimise strain on local utility infrastructure
- Improve overall quality of life

Economic benefits of green buildings:

- Reduce operating costs
- Improve occupant productivity
- Enhance asset value and profits
- Optimise life-cycle economic performance

At Grosvenor Engineering Group, we specialise in the maintenance of operation assets and equipment that runs your building in the background through our team of HVAC, Fire and Electrical technicians. These core services are enhanced by our team of Engineers that can make recommendations to ensure you achieve optimal environmental, economic and social improvements for your building or property.

Sustainability Engineering Services

Through our team of Sustainability Engineers, we provide a range of specialist solutions, to ANZ's built environment. We ensure our customers are at the cutting edge of innovation supporting them to achieve their economic, social and environmental goals.

Strategic Sustainability Services

Carbon Footprint Assessments & Carbon Neutral Plans	Supporting building owners who are looking to transition to carbon neutrality by evaluating current carbon footprint, developing long-term strategies to reduce each carbon source and reconcile offset options.
Strategic Energy Pathway	This combines all our services, supporting a building owner to develop a strategic energy plan for their assets and assist them to execute the plan through issue identification, project scoping and delivery of solutions.
Asset Audit with Strategic Sustainable Asset Plan	Our asset audit data is used as a foundation to develop a strategic asset plan that incorporates the optimum asset replacement sequence and costs to improve building performance and enhance building valuation.
Peak Demand Strategies	Analysis of a building's peak load demand profile and charging structure to develop a site-specific peak load demand reduction strategy.

Sustainability Ratings and Benchmarking

NABERS Ratings	NABERS Stars are the benchmark for Australian property. Our team has experience in BEECs (including TLAs), Energy, Water and IE ratings for offices, shopping centres, data centres, and residential aged care & retirement living facilities.
NABERS Co-Assess	NABERS Co-Assess ratings enable tenants to get NABERS ratings at a reduced cost alongside the base building energy rating. The tool has been designed to help tenants to better understand their energy use.
NABERS Carbon Neutral	Our Sustainability Engineers are NABERS Climate Active Carbon Neutral accredited, and can certify your building to be carbon neutral via the NABERS scheme.
Green Star Performance	Green Star Performance assesses the operational performance of buildings against nine environmental impact categories: management, indoor environment quality, energy, transport, water, materials, land use and ecology, emissions and innovation.
Green Star HVAC Design	Our engineering design team have significant experience in developing or reviewing HVAC designs to develop effective solutions to meet Green Star requirements.
FITWEL Certification	Through FITWEL Certification, you will discover how your efforts are taking occupant health to the next level.
NABERS Monthly Tracking	Clear graphical representation of historical and current NABERS tracking on a monthly basis, accurate to two decimal places.

Efficiency Opportunities Identification and PerformanceTracking

Energy Check	A simple, quick and effective audit that gives a clear list of energy saving opportunities and a brief summary.
Energy & Water Audits	Level 1/2/3 using the AS/NZS3598:2014 Energy Audits as the guiding document. We offer Type 1 (basic), Type 2 (detailed) and Type 3 (precision sub-system) audits.
Sub Metering Solutions	A full value-orientated solution involving selection of sub metering locations to design, supply, install and commission the dashboard, and setup of automatic alerts.
Sustainability, Energy Efficiency Design Review	We offer design review services from a sustainability perspective. Grosvenor is specialised in looking at the long-term sustainability implications of an upgrade and ensuring that it aligns with optimum efficiency and comfort.
Grosvenor Energy Management System (GEMS)	Specifically designed to be a simple but powerful tool to support facility teams, to manage their energy use on a daily or weekly basis. GEMS is based on comparing daily consumption to a daily benchmark for energy usage.

Realising Energy Savings

Sustainable HVAC Design	We provide sustainability focused design reviews of BMS, electrical, VT and HVAC projects through to complete HVAC and BMS designs.
Sustainability Project Management	Project management to ensure savings are maximised. Project planning, procurement and contract management.
NABERS Impact Reviews	Evaluation of the NABERS impact from building upgrades including end-of-trip facilities, foyer upgrades and HVAC upgrades.
Measure and Verification (M&V)	To validate project savings are achieved as specified in the IPMVP protocols. Support can be provided to address any saving shortfalls.
Sustainable Commissioning and Tuning	To amplify the benefits of major equipment investment, a whole building approach to commissioning and tuning process is required.

General Building Consulting

After Hours Costs Calculations	Calculating and validating tenants after hours charge rates, including energy, maintenance, and asset depreciation.
BMS Operation Review	The BMS operation is placed under the microscope to pinpoint energy saving opportunities. The suggested improvements can then be project managed to realisation.

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