

ENVIRONMENTAL IMPACT

We understand our responsibility as a leading real estate developer to minimise our impact on the natural environment. We are proactive in reducing greenhouse gas emissions, consumption of natural resources and our impact on biodiversity.

STRATEGIC OBJECTIVE:
TO ENHANCE THE NATURAL AND BUILT ENVIRONMENTS
IN WHICH WE OPERATE, INCLUDING IDENTIFYING
AND MANAGING THE IMPACTS OF MIRVAC'S
BUSINESS OPERATIONS.

ENVIRONMENTAL IMPACT

ENVIRONMENTAL AND SAFETY MANAGEMENT

Mirvac integrates the requirements of environmental protection legislation and occupational health and safety legislation under its Health Safety Environment (HSE) Management System. To promote continual improvement, the Management System is based on the requirements of Australian Standard/New Zealand Standard AS/NZS (International Standards Organisation) 14001 Environmental Management Systems.

Our overall environmental management system approach includes the monitoring of environmental incidents using an Environment Incident Frequency Rate (EIFR) per million hours worked in accordance with Australian Standard AS1885.1. The EIFR recorded for 2011 was one.

Throughout the 2011 financial year our environmental performance reporting systems, including internal and external independent audits and inspections, recorded no incidents of significant harm to the environment.

Mirvac's development projects across Australia were issued a total of seven environmental infringement notices throughout the year with a total value of \$12,500. The notices related to potential for uncontrolled sediment runoff and were rectified immediately.

ENERGY

We understand our responsibility to identify opportunities to enhance the natural and built environments in which we operate and to reduce our impact.

Mirvac is exposed to a number of climate change related regulatory schemes, including various State and Federal building codes, planning and design regulations, energy and greenhouse gas ("GHG") emissions programs.

National Australian Built Environment Rating System

The NABERS energy rating tool measures actual GHG impact on a scale of 1 to 5 stars, with a 1 star NABERS rating being the most polluting and a 5 star rating the least. The ratings show that the use of energy efficient lighting and appliances, and taking simple actions like turning off lighting and computers when they are not required, reduces our carbon footprint and energy costs. Following the closure of this reporting period, NABERS introduced a 6 star rating.

Mirvac's flagship action to reduce GHG emissions is a commitment to achieve an average 4 Star NABERS Energy rating on applicable office buildings by December 2012. We are well on track to achieving this target with an average 3.6 Star NABERS Energy rating at the time of publication.

In addition we have rolled out the NABERS Energy ratings program to our retail assets, initiated a sub-metering program and implemented a training and awareness program.

Mirvac Head Office

Our head office tenancy at 60 Margaret Street, Sydney achieved a 4 star NABERS Energy rating. The rating represents excellence in energy use and is well ahead of the current market average tenancy rating of 2.5 stars.

EIFR Performance Data

Mirvac Group

Financial Year	Employees per million work hours	Employees +Service Providers per million work hours
2007	1.0	1.0
2008	1.0	1.0
2009	1.0	1.0
2010	0.0	0.0
2011	1.0	1.0

NABERS Ratings - Retail (as at time of publication)

Shopping Centre Name	Current NABERS Energy Rating
St Mary's Village Shopping Centre, NSW	4.0
Stanhope Village, NSW	3.5
Orange City Centre, NSW	4.0
Logan Mega Centre, QLD	4.0
Gippsland Centre, VIC	4.0
Waverly Gardens Shopping Centre, VIC	2.5

NABERS Ratings – Office (as at time of publication)

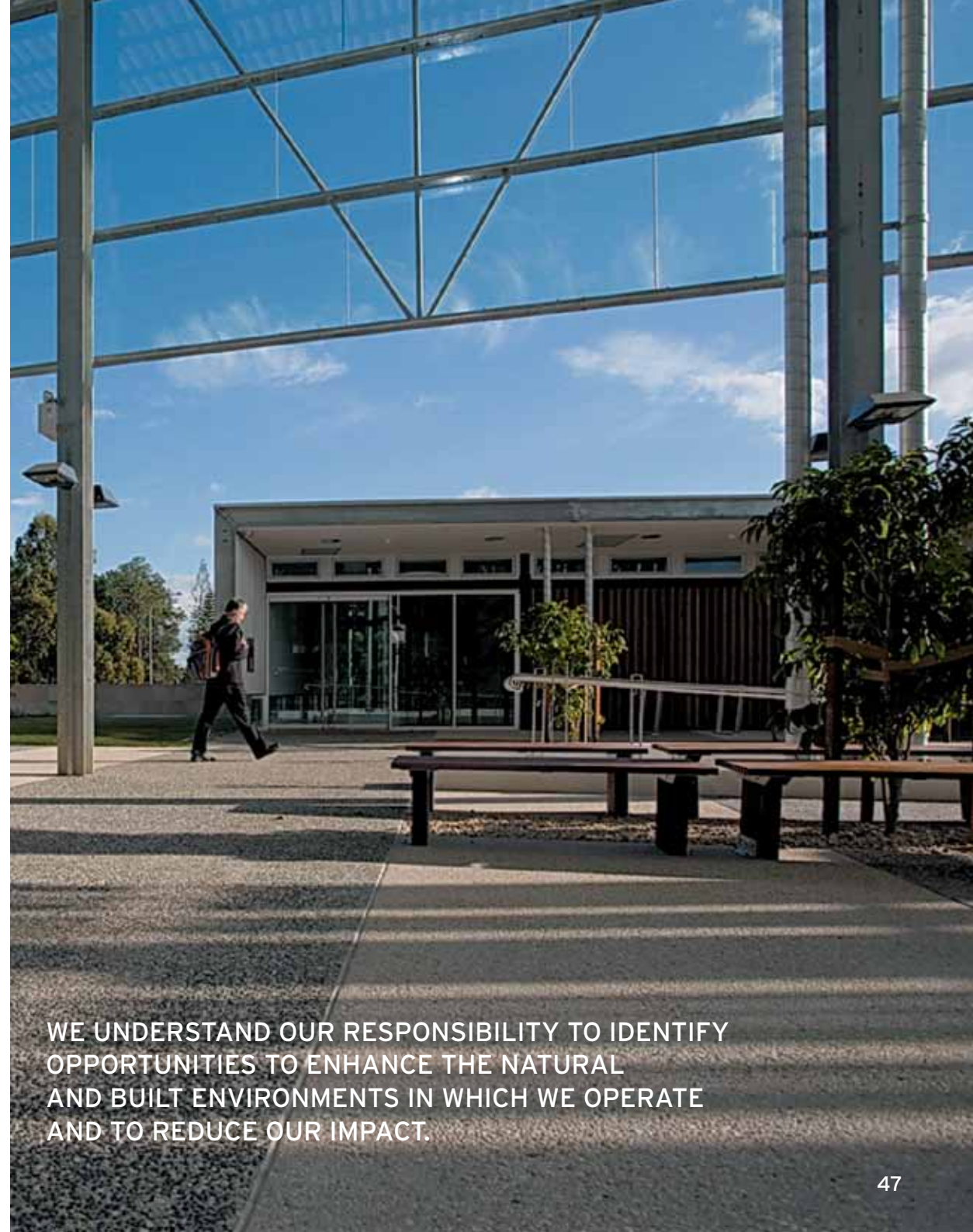
Office Name	Current NABERS Energy Rating
101 Miller Street, North Sydney, NSW	5.0
40 Miller Street, North Sydney, NSW	4.0
60 Margaret Street, Sydney, NSW	3.0
1 Castlereagh Street, Sydney, NSW	2.5
Westpac Place, 275 Kent Street, Sydney, NSW	4.0
One Darling Island, Pyrmont, NSW	5.0
Bay Centre, Pirrama Road, Pyrmont, NSW	4.0
3 Rider Boulevard, Rhodes, NSW	4.0
60 Marcus Clarke Street, Canberra, ACT	2.5
Aviation House, 16 Furzer Street, Philip, ACT	4.5
38 Sydney Avenue, Forrest, ACT	2.5
189 Grey Street, Southbank, QLD	3.5
John Oxley Centre, 339 Coronation Drive, Milton, QLD	4.0
340 Adelaide Street, Brisbane, QLD	4.0
19 Corporate Drive, Cannon Hill, QLD	1.0
Riverside Quay, 1 Southbank Boulevard, Southbank, VIC	3.5
Riverside Quay, 4 Riverside Quay, Southbank, VIC	2.5
Riverside Quay, 6 Riverside Quay, Southbank, VIC	3.5
Royal Domain Centre, 380 St Kilda Road, Melbourne, VIC	3.5
Como Centre Office, 650 Chapel St, South Yarra, VIC	0.0 ¹
10A Julius Avenue, North Ryde, NSW	3.0 ²
12 Julius Avenue, North Ryde, NSW	3.5 ²
1 Hugh Cairns Avenue, Bedford Park SA	3.0
1 Lucknow Avenue, North Ryde, NSW	4.5 ³
10 Julius Avenue, North Ryde, NSW	3.0 ³
33 Corporate Drive, Cannon Hill, QLD	2.0 ³
190 George Street, Sydney, NSW	3.0 ⁴
200 George Street, Sydney, NSW	3.0 ⁴

1) Currently in the process of being rated.

2) New rating due soon.

3) Not included in average as Mirvac does not have operational control.

4) Not included in average as this site is held for future development.



WE UNDERSTAND OUR RESPONSIBILITY TO IDENTIFY OPPORTUNITIES TO ENHANCE THE NATURAL AND BUILT ENVIRONMENTS IN WHICH WE OPERATE AND TO REDUCE OUR IMPACT.

Mirvac has an in-house sustainability engineering and operations team which enables us to report on and respond to legislation in an efficient manner.

Building Energy Efficiency Disclosure Act 2010 ("BEED")

This year the BEED Act took effect. The first stage of the legislation requires a base building NABERS energy rating to be disclosed at point of sale or lease for commercial office buildings or tenancies with office space over 2,000 square metres. Mirvac met all disclosure responsibilities under the Act through the NABERS rating program across our portfolio.

The second stage of the BEED Act is due for implementation on 1 November 2011, and requires a Building Energy Efficiency Certificate ("BEEC") at the point of lease or sale for a tenancy or total commercial building area greater than 2,000 square metres. The BEEC replaces the existing first stage requirements of the legislation.

The BEEC comprises a NABERS rating and a tenancy lighting assessment and must be prepared by an accredited BEEC Assessor. Mirvac's Asset Management Team has been accredited to provide assessments for Mirvac's office and industrial portfolio. Mirvac is managing the accreditation of all Mirvac assets to ensure a BEEC will be available for each asset identified for lease or sale at the commencement of the BEEC disclosure period.

Energy Efficiency Opportunities Act 2006 ("EEO")

At the Federal level, Mirvac has triggered the EEO threshold and is required to participate. An EEO Assessment and Reporting Schedule has been approved under section 16 of the EEO Act and Mirvac completed assessments in accordance with the schedule.

During the 2011 financial year Mirvac undertook a further 47 EEO site audits. Mirvac Group will submit its Government and Public EEO reports by the 31 December 2011 to complete the first five year assessment cycle.

In 2010 Mirvac was selected for audit by The Department of Resources, Energy and Tourism under the EEO Act. As a result of Mirvac's rigorous reporting systems and processes, a perfect audit result was achieved.

Each year 100 companies are randomly selected to be audited. Mirvac was one of only 10 per cent of those selected to achieve 100 per cent compliance. This substantiates Mirvac's compliance with all legislative requirements, in the reporting of EEO.

For this EEO reporting period 880 opportunities were identified to reduce energy consumption across 47 properties, representing a potential saving of 110,000GJ across Mirvac's total energy consumption.

THREE SIGNIFICANT OPPORTUNITIES IDENTIFIED WERE

- 1 BROADWAY SHOPPING CENTRE CARPARK LIGHTING UPGRADE**

The audit identified carpark lighting as a major consumer of energy at the Broadway Shopping Centre. The carpark lighting was upgraded in two stages using both high efficiency reflector technologies to reduce the number of required fittings and light emitting diode ("LED") tube technology. The estimated savings and avoided emissions as a result of the upgrade are approximately 388,000 kilowatt hours ("kWh") and 344 tonnes of equivalent carbon dioxide ("CO₂-e") emissions per annum.

- 2 CASTLEREAGH STREET ENERGY EFFICIENCY UPGRADE**

A number of efficiency improvements were identified at 1 Castlereagh Street, Sydney. These included the installation of variable speed drives to the chilled water pumps and condenser water pumps, lobby lighting, carpark lighting upgrades, solar domestic hot water systems and modifications to building control strategies. The project, undertaken with funding assistance from the New South Wales Department of Climate Change and Water Climate Action Fund, is estimated to save 920GJ of energy per annum.

The project illustrates the many opportunities that arise from auditing older buildings. In particular, the upgrade of air conditioning and lighting services included both capital intensive and operational improvement. It provided the opportunity to install an evacuated tube solar hot water system to meet the domestic hot water needs of the building.

- 3 RIVERSIDE QUAY BUILDINGS ENERGY EFFICIENCY UPGRADE**

Three commercial buildings at Southbank, Melbourne were assessed and a comprehensive range of energy initiatives were identified. The retrofit works, which received funding from the Federal Government Green Building Fund, were recently completed and are expected to achieve energy savings in total of approximately 3,800GJ per annum.

The works involved installation of a building management system, power metering systems, LED common area lighting and variable speed drives. The works commenced in July 2010 and a clear reduction in energy intensity has been noted since the main portion of the works commenced commissioning in September 2010.

2011 Greenhouse Gas Emissions by Source and Scope

	Source	Emission (tCO ₂ -e)
Scope 1		
Natural Gas	194,203 GJ	9,968
Refrigerants	13,899 kg	1,626
Diesel	586,636 L	1,574
Petrol	157,171 L	361
LPG	68,550 L	106
Wood	24,475 kg	1
Sub-total		13,635
Scope 2		
Electricity	220,627,931 kWh	207,731
Sub-total		207,731
Scope 3		
Natural Gas	194,203 GJ	1,656
Electricity	220,627,931 kWh	32,592
Air Travel	8,257,869 km	2,302
Waste	32,000 t	19,319
Diesel	586,636 L	119
Petrol	157,171 L	28
LPG	68,550 L	9
Sub-total		56,025
Total Scope 1, 2 & 3		277,391

Overseas Exclusion

Mirvac has a limited number of activities in overseas locations that we consider to be immaterial. Mirvac Hotels Pty Limited manages three hotels in New Zealand and Mirvac holds a 14 per cent stake in a United States-based Industrial Trust. In addition, Mirvac holds 100 per cent of a property asset in Chicago. The emissions from these activities are not included in this report.

National Greenhouse and Energy Reporting Act 2007 ("NGER")

Mirvac has triggered the threshold of the NGER Act which requires large energy-using companies to report annually on greenhouse gas emissions, reductions, removals and offsets, and energy consumption and production figures. Mirvac must report annually by 31 October.

Scope of Coverage

GHG emissions covered are carbon dioxide, methane, nitrous oxide, specified hydrofluorocarbons, specified perfluorocarbons and sulphur hexafluoride.

Sources covered include fuel, petrol, diesel, electricity, refrigerants and liquid petroleum gas ("LPG") ethanol, as defined by Scope 1 or Scope 2:

- > Scope 1 – emissions released from a facility as a direct result of the activities of the facility.
- > Scope 2 – indirect emissions that occur principally at electricity generators as a result of electricity consumption at another facility. They are recorded principally as a measure of what might happen to national emissions as a result of the consumption of electricity from facilities.

WATER

The MirvacPlus Residential Scorecard addresses water efficiency through the design of new residential developments. This includes the following requirements:

- > **Stormwater Management:** That stormwater is appropriately managed to reduce environmental impacts;
- > **Water Re-Use:** That projects utilise available water recycling opportunities;

- > **Water Efficient Taps and Spouts:** That water efficient taps and spouts are selected;
- > **Water Efficient Appliances:** That water efficient appliances are selected; and
- > **Landscape:** That landscape design and irrigation systems are water efficient where connected to the potable water supply (optional where 100 per cent recycled water is used for irrigation).

Mirvac water consumption

Water Consumption (kL)	FY10	FY11
MPT	720,672	962,454
Hotels	740,506	756,710
Total	1,461,178	1,719,164

NGERS Data year on year comparison	FY09	FY10	FY11
Total Scope 1 emissions (tCO ₂ e)	15,676	12,450	13,635
Total Scope 2 emissions (tCO ₂ e)	280,697	234,257	207,731
Total	296,373	246,707	221,366
Energy consumed (GJ)	1,329,376	1,106,333	1,018,637

ENVIRONMENTAL IMPACT

WASTE

Waste Management

Disposal of waste to landfill results in lost resources and the generation of methane. Australia is the third largest producer of waste in the developed world with each Australian sending approximately one tonne of waste to landfill each year. The volume and type of solid and hazardous waste generated has increased rapidly due to economic growth, urbanisation and industrialisation with most of this waste disposed as landfill.

In addition to the risk of pollution, unnecessary waste represents lost natural resources, energy and time embodied in the products discarded.

Mirvac is committed to reducing waste and its impact on the environment by minimising the waste generated by its business activities. We monitor our waste performance through annual objectives and targets, which require a review of waste generated by business activities and the development of waste minimisation strategies.

Throughout the 2011 financial year we diverted 50 per cent of our waste by weight from landfill, achieving our stretch target for the reporting period.

Initiatives to reduce waste to landfill include:

- > establishing baseline waste data from all Mirvac properties;
- > setting annual objectives and targets for waste diversion from landfill across all divisions;
- > identifying further opportunities to reduce waste through packaging, design and delivery;
- > awareness training across all Mirvac employees and specialised training for construction workplaces;
- > segregating waste streams on selective construction sites to gauge the effectiveness of separation at source;
- > treatment and reuse of potential acid sulphate soils;
- > implementing BottleCycler glass crushing systems at several Mirvac hotels to divert all glass from landfill;
- > recycling 80 per cent of demolition waste and 50 per cent recycling of construction waste;
- > recycling 95 per cent of electronic waste;
- > implementing an Eco bin program across all main offices; and
- > office recycling including paper, cardboard, glass, PET and other plastics, print cartridges and mobile telephones.

Total Waste Breakdown

FY11

Group Waste

Total Waste	74,704t
Waste to landfill	32,000t
Waste recycled	37,188t
Prescribed waste	5,516t
Percentage Recycled	50%

Development

Total Waste	56,985t
Waste to landfill	19,851t
Waste recycled	31,620t
Prescribed waste	5,514t
Percentage Recycled	55%

MAM

Total Waste	11,653t
Waste to landfill	7,932t
Waste recycled	3,720t
Prescribed waste	1t
Percentage Recycled	32%

Hotels

Total Waste	6,066t
Waste to landfill	4,217t
Waste recycled	1,848t
Prescribed waste	1t
Percentage Recycled	30%

Hazardous Waste Breakdown

Hazardous	Tonnage
Sanitary	0.67
Paint	3.20
Waste Oil	0.40
Batteries	0.10
Acid Sulphate soil	5,507.80
Tyres	0.15
Drums	1.40
Contaminated Water	0.10
Septic tank	2.00
	5,515.82

ENVIRONMENTAL PROTECTION AND BIODIVERSITY CONSERVATION

Mirvac recognises that matters of national environmental significance are important to all Australians. Our planning processes assess the potential impact of Mirvac activities, products and services on any matters of national environmental significance, which includes biodiversity in protected areas.

Environmental management of our projects, including biodiversity, is considered throughout all of the development stages, starting with due diligence and approval to purchase, through the design stages and at construction. Each site is required to adhere to statutory requirements and Mirvac's own internal environmental management standards, procedures and systems to ensure we minimise our impact and manage any matters of national environmental significance for protection and conservation.

CLIMATE CHANGE

We have established a Carbon Pricing Committee comprising senior management representatives to address risks and opportunities associated with a carbon-constrained economy. The committee is responsible for considering any regulatory risks posed by climate change, including the recently released exposure draft of the Clean Energy Bill 2011. Mirvac firmly believes in doing its part as a responsible company and recognises the need for a price on carbon to encourage cleaner industry.

Our senior management have incorporated climate change-related risks within our risk management process, including specific itemisation of these risks within our risk register.

We also conduct climate change impact studies for new developments where required by the consent authority.

Mirvac's investment, design and development business units regularly review available technologies, products and services which enable better management of challenges related to climate change risks. These include physical building infrastructure technology, data management systems and consultancy services, as well as egress and evacuation methodologies in the event of a large-scale natural climate change-related disaster.

We have considered a number of external and internal papers that estimate the financial implications of climate change, including the impacts of various proposed carbon pricing mechanisms such as that under the Clean Energy Bill 2011.

At the time of printing Mirvac confirms that it is not a liable entity to report Scope 1 emissions as determined by the Australian government's Clean Energy Bill 2011 Exposure Draft.

Whilst Mirvac is not a liable entity under the draft legislation, the Group will be marginally affected.

Development

A paper prepared for the Property Council of Australia in August 2011 has estimated that the impact on the price of a typical 200 square metre house is expected to be around \$3,444. Much of the increase will be evident via an increase in input costs.

Investment

The impact to Mirvac Property Trust is estimated at a total cost under \$3.0 million per annum, of which approximately 45 per cent is recoverable. This in turn translates to a non-recoverable amount of approximately 1 per cent of total outgoings. Mirvac's history and experience in energy and environmental management will ensure that any additional cost is minimised.

Carbon Disclosure Project

The CDP is an independent not-for-profit organisation holding the largest database of primary corporate climate change information in the world. Thousands of organisations across the world's major economies measure and disclose their greenhouse gas emissions, water use and climate change strategies through the CDP.

Refer to Mirvac's 2011 CDP response (located on the Mirvac website www.mirvac.com) for more detailed information on the management of climate change in terms of governance, strategy and management.

MIRVAC RECOGNISES THAT MATTERS OF NATIONAL ENVIRONMENTAL SIGNIFICANCE ARE IMPORTANT TO ALL AUSTRALIANS.

THIS YEAR MIRVAC HAS IMPLEMENTED SUB-METERING SYSTEMS ACROSS 23 OFFICE ASSETS AT A COST OF APPROXIMATELY \$1.4 MILLION.

101 MILLER STREET ACHIEVES 5 STAR NABERS ENERGY RATING

Mirvac's iconic 101 Miller Street office tower at North Sydney has achieved a 5 Star NABERS Energy Rating. Mirvac undertook a \$40 million+ refurbishment of the landmark property in 2007-08, targeting a 5 Star NABERS rating and 4 Star Green Star rating. The refurbishment featured a 3 megavolt ampere ("MVA") trigeneration system, one of the largest trigeneration systems installed in a commercial office building in Australia.

Compared to an average ¹ office building of the same size, the reduced carbon emissions from 101 Miller Street is equivalent to removing 640 family sedans from Australia's roads for a year.

The installation of the trigeneration system in 101 Miller Street has led the way for this form of low-emission technology to become standard practice in new office developments across the country, and is considered a key strategy for lowering the carbon emissions profile in the Australian office sector.

Mirvac Asset Management has worked closely with the NSW Department of Environment, Climate Change and Water to allow buildings with cogeneration and trigeneration systems to be rated under the NABERS protocol. The achievement of the 5 Star NABERS Energy rating means that the building has met or exceeded all of the environmental rating measures targeted for the development.

1) Average office building NABERS Energy rating is 2.5 Stars.



20 BOND ST, SYDNEY, NEW SOUTH WALES

The \$60 million+ refurbishment project of 20 Bond Street endeavours to reduce greenhouse gas emissions through retaining the original façade of the building while completely rebuilding the interior. In this way 20 Bond Street achieves an optimum sustainable outcome as the inherent energy value in the existing structure is fully utilised.

To ensure tenant comfort, Mirvac has installed a new chilled beam air conditioning system into the building along with a state-of-the-art Building Management Control system.

Further key technologies used in the refurbishment include carbon dioxide monitoring to improve indoor air quality, metering of major water use items to ensure efficient use, recycling of fire system test water, 4A minimum rated tapware or fitted with flow restrictors and the use of zero ozone depleting potential ("ODP") insulation materials.

Key Sustainability Outcomes:

- > Achieved 4 Star Green Star – Office Design V3
- > Targeting a 5 star NABERS Energy rating
- > Use of trigeneration
- > Installation of active chilled beam air conditioning
- > Use of T5 lighting and intelligent light controls, including daylight sensors
- > Provision for recycled waste onsite storage and collection

ENVIRONMENTAL IMPACT – DEVELOPMENT



SPRING FARM, NEW SOUTH WALES

- › Rainwater tanks provided to all Mirvac dwellings for toilet flushing and laundry water to reduce water usage



TOWER 8, VICTORIA

- › Nominated power points around the apartment are wired to a switch at the front door to enable the owner to minimise standby power usage
- › Visual Energy Metering provides a visual display indicating instantaneous energy usage near the entrance to each apartment
- › Rainwater harvested from rooftops and used to irrigate the podium landscaping
- › Rainwater harvested from Yarra Point tank runoff and stored for future parkland irrigation at Park Point
- › Rain gardens constructed in the adjacent road to filter runoff before it enters the Yarra River



LAUREATE, VICTORIA

- › 250,000 litre central rainwater tank used to irrigate common area landscape and private dwelling toilets
- › Solar panels on the roof of each home for hot water heating
- › Minimum 5 star house energy rating



WAVERLEY PARK, VICTORIA

- > 6 Star energy and thermal comfort rated building fabric
- > Minimum 2,000 litre water tank to each residence
- > Smart energy metering
- > Standby off switch



RIVER HOMES – STAGE 3 AND 4, VICTORIA

- > Minimum 2,000 litre water tank to each residence
- > Cofferdams were used throughout construction phase to limit any pollutants from construction works entering into the Yarra River



ROCKBANK, VICTORIA

The Rockbank land of 710 hectares incorporates the Kororoit Creek and Deanside Wetlands, which contain populations of the endangered Growling Grass Frog. The site also contains remnant woodland and a number of areas of native grasses.

We are currently developing the Growling Grass Frog Conservation Management Plan and the Native Vegetation Precinct Plan which will determine management strategies.

The Deanside Wetlands are approximately 50 hectares in size and are located on private land. It is proposed that they be protected as they are considered high value due to the presence of the Growling Grass Frog, native vegetation and migratory birds.

ENVIRONMENTAL IMPACT – HOTELS

HOTELS

The 2011 financial year was marked by the capital-constrained environment following the global financial crisis. This meant there was significant emphasis on containing cost and leveraging on operational efficiencies. Almost all properties suffered financially, hence expenditure to upgrade plant and assets was limited or actioned only on an urgent needs basis. While fewer major works were undertaken during the 2011 financial year, properties continued with minor improvements and with a focus on engineering processes and new technology to improve energy efficiency.

Some initiatives included:

- > Implementing an LED or CFL lighting upgrade program across a significant number of hotels
- > Implementing an extensive smart metering and e-monitoring program across a number of hotels to measure and track gas, energy and water consumption
- > Training engineering staff to monitor and track energy use
- > Enhancing water, waste and recycling recording to further improve reporting

Hotels (as at the time of publication)

Property	Current NABERS Energy	Current NABERS Water
Sydney Marriott Hotel	3.0	2.5
Citigate Central Sydney	3.0	2.5
The Sebel Parramatta	3.0	3.0
The Sebel & Citigate King George Square Brisbane	3.5	4.0
The Sebel Cairns	2.5	2.5
The Sebel & Citigate Albert Park Melbourne	3.5	5.0



THE SEBEL NEWCASTLE BEACH

- > Gas cogeneration system generating electricity for the hotel, and the heat created is utilised to produce hot water for both the hotel and the residential tower
- > Rainwater harvesting and re-use has been incorporated into the building and is used in the hotel garbage room to clean bins
- > Recycling bins positioned in outdoor public areas and carpark



SYDNEY MARRIOTT HOTEL

- > New air conditioning controls installed in all guestrooms including an eco mode and motion sensor for more efficient operation
- > Water efficient shower heads installed



QUAY WEST SUITES SYDNEY

- > New building management system installed to the commercial section
- > Replaced six cooling tower fan motors that were more than 20 years old with more efficient models



THE SEBEL PIER ONE SYDNEY

- > Installed variable speed vacuum pumps to the toilet vacuum system
- > Installed variable speed drives to the chilled water pumps
- > Automatic watering system installed to outside gardens



QUAY WEST SUITES MELBOURNE

- > Upgraded gym flooring to material sourced from recycled tyres
- > Pool heating upgrade to heat pumps
- > Residential recycling
- > Suites refurbished with energy efficient appliances
- > Energy efficient hotel kitchen appliance upgrade



THE SEBEL DEEP BLUE WARRNAMBOOL

- > The hotel is heated by geothermal water



QUAY WEST RESORT MAGENTA SHORES

- > Solar pool heating
- > Air conditioning cut off switches installed to balconies to switch off when balcony doors remain open



THE SEBEL PARRAMATTA

- > Capital investment in the installation of a new building management system to accompany the heating, ventilation and air conditioning system upgrade, along with hot water plant upgrade



Q STATION MANLY

- > Received Manly Council Sustainable Business Award for 2010
- > Installed Pulpmaster system in main kitchen, which means all food waste and oil is pulped on site, stored and then treated and returned as fertiliser for gardens
- > During low occupancy periods all guests are accommodated in central rooms and all other building power is turned off to reduce energy use



THE SEBEL SUITES BRISBANE

- > Replaced the hot water plant with energy-efficient heat exchange system and 6 star energy-rated condenser boilers with an expected gas reduction of 25-40 per cent
- > Replaced washers and dryers to more energy and water efficient models



CAIRNS HARBOUR LIGHTS

- > Trialling Energy Management System in guestrooms
- > New recycling system implemented
- > Implemented a staff education program to increase awareness of energy saving initiatives



CITIGATE CENTRAL SYDNEY

- > Capital investment in the installation of a building management system to complete guestroom upgrade implemented previously

LOOKING FORWARD

SOME OF OUR KEY ACTIONS FOR 2012 ARE:

Establish targets to reduce our carbon intensity by 2014

Establish energy, water and waste baselines

Establish energy, water and waste targets for 2014

Quantify Mirvac's environmental impact profile, accounting for whole of life impacts of products produced and used

Quantify Mirvac's carbon footprint

Undertake a strategic climate change risk review

Develop a climate change policy



