

# SUSTAINABILITY

## OUR PURPOSE, VISION AND VALUES

As a specialist renewable energy business Infigen exists to deliver attractive and sustainable returns to our investors.

Our vision is to be the leading specialist renewable energy business in the markets in which we operate.

In delivering on our vision we are inspired and motivated by a core value relating to **sustainability**.

**Sustainability** is fundamental to Infigen's purpose and encompasses environmental, social and economic responsibility.

- **Environmental:** we will pursue the efficient deployment of renewable energy technology and adopt practices that minimise harm to the environment, which may be directly or indirectly affected by Infigen's operations
- **Social:** we take actions (or refrain from actions) to protect the quality of life and wellbeing of individuals and communities touched by Infigen's activities
- **Economic:** we aim to deliver performance that maximises risk adjusted returns for our investors over the long term

## COMMUNITY

It is important for Infigen to engage with and support the communities in which it operates. Infigen is involved with local communities during the planning and development stages of new projects, and then through the life of each wind farm. Construction of Woodlawn Wind Farm directly created more than 150 jobs, and the facility will continue to stimulate additional trade for local businesses throughout its life-cycle.

Infigen is committed to ongoing community consultation through regular engagement and a clear flow of information. This ensures that any concerns can easily be raised and then addressed. Infigen firmly believes that energy from wind turbines is safe, reliable and cost-effective. This view is supported by industry research, peer reviewed medical research and academic expert studies. Australia has some of the most stringent wind farm noise guidelines in the world and Infigen continues to comply with these.

Infigen continues to fund projects to enhance local community infrastructure and landscape including road upgrades and tree planting as noted below. Infigen also has a proud tradition of actively supporting local communities, charities, festivals, schools and sporting organisations through sponsorship, and through employee participation at community events.

## COMMUNITY PARTICIPATION IN OUR ACTIVITIES

For the first time in 2011, Australia and Infigen took part in the celebration of the Global Wind Day organised by the European and Global wind energy bodies.

The local community was invited to visit the Capital Wind Farm, enter a wind turbine and chat to the Infigen team about how the wind farm is managed. Visitors also learned about the composition of turbines and how wind power is turned into electricity. Over 300 visitors joined in the celebrations.



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## SAFETY

The Infigen team consists of approximately 170 people managing 24 wind farms in Australia and the US. Safety is Infigen's first priority and is reflected in the goal of zero lost time from incidents and injuries, or 'zero harm'. Infigen's Safety and Sustainability Committee monitors monthly progress on the safety performance of all assets in Australia and the US with all employees held accountable for safety performance in their respective area of responsibility.

From 1 July 2010 to 30 June 2011, the rolling 12 month Total Reportable Incident Rate (TRIR) and Lost Time Injury Frequency Rate (LTIFR) for the Group (direct employees and contractors' employees) are shown in the table below.

Infigen Energy Group	TRIR <sup>1</sup>	LTIFR <sup>1</sup>
FY10	26.5	12
FY11	25.9	3.4

<sup>1</sup> per 1,000,000 working hours

The material improvement in the LTIFR reflects efforts to improve the performance of our service providers in particular, with progress made towards our target of zero harm. The steady TRIR reflects ongoing diligence in the recording of all incidents and a need to maintain focus on reducing the frequency of all incidents.

## ENSURING ECONOMIC SUSTAINABILITY

Supporting education is recognised as one of the key elements to economic sustainability.



Infigen provides trainee and apprenticeship opportunities during construction and the ongoing operation of our wind farms and solar projects.

Infigen also continues to sponsor schools, youth programs and activities, and is a proud sponsor of the University of NSW Co-Op Scholarship Program. This Program provides engineering students with the opportunity to apply and complement the knowledge and skills they have gained through their studies with hands-on experience in the workplace.

In the US Infigen supports a local college "extern program" providing 4 to 6 students who have completed the college wind energy curriculum with some practical experience. Students are mentored by the Infigen team and learn day-to-day work activities, putting their classroom knowledge to practical use. During the 4 to 6 month externships they learn how to operate, maintain and repair wind turbines.



## PROTECTION AND REHABILITATION OF THE ENVIRONMENT

Actively pursuing protection and improvement of the environment is fundamental to long term community support. During the construction of Woodlawn Wind Farm, Infigen worked with the principal contractor to minimise the removal of trees and disturbance of habitat, and planted more than 1,000 new trees and shrubs.

Infigen supports local fire and police services. In the US, Infigen continues to support the fantastic work of Portage Volunteer Fire Company, Maryneal, Roscoe Volunteer and Lake Sweetwater Fire Departments, as well as the Illinois Police Association. In Australia, Infigen funded the purchase of a fire truck for Taylors Creek Rural Fire Service and pays for the mains power to the fire shed, while continuing to support local fire services in Walkaway, Western Australia.

## ENVIRONMENT

Recognising the need for sustainability including security of energy supply, Australia is following the lead of the EU, US and China to reduce our reliance on fossil fuels, and to reduce the emissions intensity of our economy. As a renewable energy specialist, Infigen is well-positioned in Australia and the US to contribute to the transition from fossil fuel based electricity generation to renewable energy.

Infigen is particularly conscious of the carbon emissions generated by its business activities.

For the third consecutive year, Infigen has collected data on its emissions in Australia, and fulfilled our reporting requirements under the National Greenhouse & Energy Reporting Act (NGER) for the 12 months ended 30 June 2010. Due to timing constraints on the collection and verification of data we report this information one year behind our financial results.

We also participated for the fourth time in the Carbon Disclosure Project – the only independent global system through which thousands of companies report their greenhouse gas emissions and assessment of climate change risk and opportunity.

Infigen's reported production of greenhouse gases, energy used and energy produced in Australia in FY10 is shown in the table below.

Infigen's level of emissions in Australia is quite small and is far outweighed by the positive contribution of our renewable energy generation to avoid over one million tonnes of greenhouse gas emissions annually (based on average National Electricity Market intensity).

All of our wind and solar farm developments undergo comprehensive environmental assessments before being granted development approval.

The development process involves committing to obligations under environmental management programs. These cover areas such as control of soil erosion and sedimentation, management of bushfire-related risks, directions on waste handling and disposal, and the minimisation of any potential impacts our actions may have on flora and fauna habitat.

Infigen takes environmental protection very seriously. The approach to the Woodlawn Wind Farm development is an example. During the construction phase, Infigen worked with the principal contractor to minimise the removal of trees and disturbance of habitat. In consideration of the requirement to remove some trees, Infigen planted more than 1,000 new trees and shrubs with the help of a local organic nursery. Each type of plant was picked to contribute to native biodiversity creating a wildlife corridor giving shelter and food for animals for years to come.

Infigen is in the process of planning and implementing the Bird and Bat Management Program for Woodlawn Wind Farm as part of the overall program of managing the interface with the existing habitat. The program incorporates comprehensive monitoring of habitat, minimising identified risks and reporting to appropriate environment protection authorities.

## NATIONAL GREENHOUSE & ENERGY REPORTING ACT

The primary driver for the NGER is to underpin the introduction of an emissions trading scheme in the future.

NGER requires organisations that produce or consume energy above a threshold, or emit carbon dioxide above a threshold, to report to the Department of Climate Change and Energy Efficiency on their activities.

Infigen's obligation to report is driven by its high level of electricity generation.

GHG Emissions			Energy	
Scope 1 (tCO <sub>2</sub> -e)	Scope 2 (tCO <sub>2</sub> -e)	Total of Scope 1 & 2 (tCO <sub>2</sub> -e)	Energy Consumed (GJ)	Energy Produced (GJ)
13	2,671	2,684	12,023	3,904,233