



2014/15

STATEMENT OF COMPLIANCE

Government Resource Efficiency Policy (GREP)

NSW government departments are required to publically report compliance with the **Government Resource Efficiency Policy (GREP)** which was approved in July 2014. The aim of the policy is to reduce the NSW government's operating costs and lead by example in increasing the efficiency of the resources it uses.

On 1 July 2015 TAFE NSW Northern Sydney moved from the Department of Education and Communities (DEC) portfolio to sit under the Industry, Skills and Regional Development (ISR) portfolio. However in 2014/15 it was aggregated under DEC.

Individual departments are aggregated into a higher level report and the baseline for TAFE NSW Northern Sydney's initial report was 2012.

Detailed data and metrics for water and energy for the calendar year can be found in the annual report.

This inaugural GREP report is based on the 2014/15 financial year.

E1: TARGETS TO UNDERTAKE ENERGY EFFICIENCY PROJECTS

All clusters will undertake energy efficiency projects at sites, representing 90 per cent of their billed energy use by the end of 2023-24, with an interim target of 55 per cent for health and 40 per cent for other clusters by the end of 2017-18.

TAFE NSW Northern Sydney has undertaken energy efficiency projects that represent 40 per cent of the billed energy and has met the E1 interim (2017/18) target. In 2013 TAFE NSW Northern Sydney implemented \$395,000 of energy efficiency projects in three locations; ranging from motion sensors in selected enclosed areas, sensors to control lighting, energy saving timers, LED in workshops to replace mercury vapour, metal halide lights and halogen lights, installation of variable speed drives on selected pumps and fans and solar generation photovoltaic panels.

E2: MINIMUM NABERS ENERGY RATINGS FOR OFFICES AND DATA CENTRES

Large owned and leased office buildings will achieve and maintain a NABERS Energy rating of at least 4.5 stars by June 2017. All data centres will achieve a minimum infrastructure and IT equipment NABERS Energy rating of 4.5 stars by June 2017.

TAFE NSW Northern Sydney buildings are used for training, as workshops and in a commercial capacity. As our buildings do not meet the NABERS office building criteria, we are not required to attain a NABERS Energy rating. TAFE NSW Northern Sydney uses an existing 4.5 star rated government owned data centre.

E3: MINIMUM STANDARDS FOR NEW ELECTRICAL APPLIANCES AND EQUIPMENT

All new electrical equipment purchased by government must be at least the market average star rating. In categories where no star ratings are available, equipment purchased should be recognised as high efficiency either by being ENERGY STAR® accredited, in a high efficiency band under Australian Standards or being above-average efficiency of Greenhouse and Energy Minimum Standards (GEMS) registered products.

To support compliance with GREP TAFE NSW Northern Sydney has implemented a plan that includes educating purchasing officers to ensure all electrical equipment purchased complies with the policy. Contracts for HVAC electricians and others who supply electrical equipment will be reviewed over the next 12 months.

E4: MINIMUM STANDARDS FOR NEW BUILDINGS

All new office buildings and fit outs will be designed and built to a predicted performance of at least 4.5 stars NABERS Energy rating. For other building types, new facilities with project costs over \$10 million should be designed and built so that energy consumption is predicted to be at least 10 per cent lower than if built to minimum compliance with National Construction Code requirements.

TAFE NSW Northern Sydney has no plans to build new infrastructure. Where buildings are repurposed, the Institute will undertake planning, design and construction procedures that involve recognised regulations and standards, including the NSW Government GREP.

E5: IDENTIFY AND ENABLE SOLAR LEASING OPPORTUNITIES

Small government sites will self-assess their suitability for solar leasing by July 2015.

TAFE NSW Northern Sydney has not implemented any solar projects in 2014/2015. TAFE NSW Northern Sydney has 245 kW of solar panels that generated about 3 per cent of our electricity use.

A review was undertaken in December 2014 to determine if additional capacity was possible. The review will be progressed in 2016, with further panels considered at Hornsby, Northern Beaches and St Leonards locations.



2014/15

STATEMENT OF COMPLIANCE

Government Resource Efficiency Policy (GREP)

E6: MINIMUM FUEL EFFICIENCY STANDARDS FOR NEW LIGHT VEHICLES

Improve minimum fuel efficiency standards for new light vehicles so that the average NSW government purchase is at least the market average fuel efficiency by vehicle category by July 2017.

No vehicles were purchased outside state contract.

E7: PURCHASE 6 PER CENT GREEN POWER

Purchase a minimum of 6 per cent GreenPower.

TAFE NSW Northern Sydney purchases 6 per cent GreenPower as part of the state government electricity contract. No electricity is purchased off contract.

W1: REPORT ON WATER USE

All agencies will report on water use.

TAFE NSW Northern Sydney reports water use publicly in the annual report.

W2: MINIMUM NABERS WATER RATINGS FOR OFFICE BUILDINGS

All new and refurbished owned office buildings and leased office buildings with a net lettable area of over 2000 m2 will achieve a whole building NABERS Water rating of 4 stars where cost-effective.

TAFE NSW Northern Sydney buildings are used for training, as workshops and in a commercial capacity. As our buildings do not meet the NABERS office building criteria, we are not required to attain a NABERS Water rating.

W3: MINIMUM STANDARDS FOR NEW WATER-USING APPLIANCES

All new water-using appliances, shower heads, taps and toilets purchased by agencies must be at least the average WELS star rating by product type.

To support compliance with GREP TAFE NSW Northern Sydney has implemented a plan that includes educating staff who purchase water-using appliances how to comply with the policy. Contracts for plumbers and others who supply water-using equipment will be reviewed in the next 12 months.

P1: REPORT ON TOP THREE WASTE STREAMS

All agencies will report on their top three waste streams by total volume and by total cost.

Our top three waste streams were reported to GREP. However the data is incomplete and due to the varying ways waste is measured by contractors, unable to be aggregated. TAFE NSW Northern Sydney is endeavouring to improve its data management of waste contractors and is part of the NABERS/OEH beta testing program for waste management.

A1: AIR EMISSIONS STANDARDS FOR MOBILE NON-ROAD DIESEL PLANT AND EQUIPMENT

Contractor-supplied and government-purchased equipment will comply with EU or US EPA standards.

To support compliance with GREP TAFE NSW Northern Sydney has implemented a plan that includes educating staff that purchase mobile non-road diesel plant and equipment how to comply with the policy. Contracts for those who use and supply non-road diesel plant and equipment will be reviewed over the next 12 months.

A2: LOW-VOC SURFACE COATINGS

All surface coatings will comply with the Australian Paint Approval Scheme (APAS) where fit for purpose.

In 2016 TAFE NSW Northern Sydney will update standard contract specifications for sub-contractors whose work requires the use of general purpose surface coatings. Staff who are responsible for the upkeep and general condition of surface coatings will be made aware of the updated specifications.



2014/15

STATEMENT OF COMPLIANCE

Government Resource Efficiency Policy (GREP)

BEYOND COMPLIANCE

TAFE NSW Northern Sydney has undertaken projects and sustainability management beyond the compliance requirements of the GREP.

ENVIRONMENTAL MANAGEMENT

In 2014/15 we:

- Developed a revised environmental policy and created a new sustainability strategy.
- Restructured the environment sustainability committee as part of governance review and created new terms of reference.
- Undertook a Sustainability Advantage diagnostic and signed up to the Sustainability Advantage programs for the next 12 months.
- Received Sustainability Advantage Gold Partner level.
- Were recertified in ISO14001:2004 (May 2015).

WATER

TAFE NSW Northern Sydney carried out a targeted underground leak reduction program at St Leonards in the latter half of 2014 which contributed to a substantial 23 per cent reduction in water use. A rain tank was installed at Meadowbank to capture water from a coffer dam off a stormwater drain.

WASTE

In 2014/15 we:

- Recycled all e-waste (for example, cables, monitors, hard drives).
- Recycled boxes, packing foam and plastic.
- Supported Mobile Muster, a not-for-profit government accredited mobile phone recycling program. Mobile Muster stations are available at St Leonards and Hornsby locations.
- Recycled green waste at Ryde, Meadowbank and Northern Beaches locations to Earth Power or Pulpmaster who are composting and biodigesting services.

SUSTAINABLE DESIGN

Built in the 1960's the Cameraygal Building, at TAFE NSW Northern Sydney, was retrofitted in 2013 as an efficient sustainable building.

At the New South Wales Architecture Awards in 2015 the Cameraygal Building won an award for Sustainable Architecture. The building also won an award in the inaugural Educational Architecture category and a commendation in the Heritage (Creative Adaption) category.

It was later awarded a National Commendation in the Sustainable Architecture section of the 2015 National Architecture Awards.