



BRISBANE ENTERTAINMENT CENTRE
It All Happens Here!

BRISBANE ENTERTAINMENT CENTRE ENVIRONMENTAL INITIATIVES

Brisbane Entertainment Centre is dedicated to reducing its environmental footprint.

Brisbane Entertainment Centre's commitment to the environment is woven into the way the venue operates through AEG 1EARTH, AEG Ogden's environmental program that measures and quantifies the impact of AEG Ogden's operations, identifies goals to guide decision-making, and provides tools to continually improve environmental performance.

AEG 1EARTH has set company-wide 2020 environmental goals with a focus on energy, water and waste.

Brisbane Entertainment Centre tracks progress toward these goals on a monthly basis through AEG Ecometrics that measures their resources consumed and wastes generated.

Greener Live Performances

Complementing our work in our internal AEG 1EARTH program, we have also partnered with Live Performance Australia in their Greener Live Performances Project.

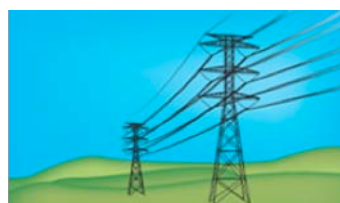
During the 12-months of the Greener Live Performances project, we have achieved the following:

Element	Baseline	Reassess	Saving	Cost Saving	% Change
Electricity (kWh)	3,501,896	3,413,610	88,286	\$50,062.09	3% Reduction
Water (kL)	9,621	7,315	2,306	\$3,655.90	24% Reduction
Waste (kg)	177,600	121,093	56,507	\$6,368.12	32% Reduction
Recycling (kg)	43,680	25,076	18,604	\$964.52	43% Reduction

Highlights from our environmental efforts include:

Energy & Climate

- Brisbane Entertainment Centre recognises that certain human activities contribute to global climate change, which impacts public health and the environment. The best way for us to do our part is to reduce our overall energy demand through energy efficiency. Some of our energy efficiency and renewable energy initiatives include:
- Investment in an upgraded Building Management System (BMS) and electricity metering software which is used to monitor and control energy-consuming technology such as lighting and HVAC.



- Conducted an energy audit to identify opportunities for energy saving projects
- Conducted a building cooling audit to better understand the relationship between chillers on site. As a result the Centre installed a 1420KW chiller unit to handle the load between the 750KW and 2600KW chillers reducing overall energy consumption.
- Installation of window tinting in various areas to reduce heat entering the Centre, thus saving on air conditioning.
- Replaced dressing room tiles with a heavier acoustic tile which reduced heat retention and noise.
- Installation of 1,500 LED bulbs in the main arena and approximately 200 in other areas in the venue.
- Installation of an on-site ice making plant and an on-site trash pump; becoming self-sufficient in these areas has reduced CO2 emissions from third party vendors who previously travelled to the Centre to provide the service.
- Installation of variable speed drives on the main chilled water pumps.
- Established energy efficiency policies ensuring all office equipment, lights and air conditioning are powered down at night.

Although we don't have direct control over how patrons travel to events, we aim to help reduce the carbon emissions from our patrons commute through the following measures:

- Encouraging staff and guests to use the Queensland Rail service located just 500 metres from the venue. The line offers more frequent service in conjunction with the Centre's event schedule.

Water Conservation

Living in a region that experiences drought, we believe water availability is one of the greatest challenges the world will face. We want to start doing our part now by being a leader in water conservation. Some of our water efficiency efforts include:

- Replaced dated cooling towers with a state of the art system that uses variable speed drives for energy efficiency. This system also recycles 64,000 litres of water from the annual cooling tower cleaning process, a portion of which is pumped back into the building for use in the air-conditioning system.
- Waterless urinals now in operation throughout the facility.
- Utilising water saving carpet cleaning and floor scrubbing equipment.
- Replaced old tiles in toilet blocks with vinyl to save on chemical washes and water usage.
- Employing sustainable landscaping techniques for the 72 hectares of native bushlands and wetlands around the facility. We also only water garden beds in the dry season with reclaimed water exclusively.

Recycling & Waste Diversion

Solid waste generation is growing in volume and toxicity in most communities. The disposal of manufactured products that contain chemicals and metals into landfills causes pollution. We aim to minimise waste and divert as much as possible from landfill to recycling and other productive uses. Some of our waste reduction initiatives include:

- Implemented a public recycling program including 18 new bins and a custom-built 15 metre recycling station. It is estimated the facility will recycle an additional 15 tonnes of PET bottles, glass, cardboard and aluminum cans annually.
- Educating guests on recycling through messaging on our digital signage system.

- Working with third party vendors to divert light bulbs, batteries, electronic and hazardous waste from landfill.
- Reducing paper waste by introducing electronic pay slips. This saves approximately 12,500 pieces of paper a year.
- Composting leaves, tree waste and grass clippings to create fertiliser for on-site gardens, whenever possible.

Sustainable Purchasing

The manufacture, use and disposal of the products we buy contribute to our environmental footprint. We are committed to making smart purchasing decisions and selecting environmentally preferable products whenever feasible. Some of our sustainable purchasing initiatives include:

- Prioritising the Energy Star rating for appliances purchased such as fridges, freezers, glass washers, dishwashers, televisions / LCD screens.
- Replacing forklifts with new environmentally friendly units.
- Purchasing 100% recycled content toilet paper as well as sustainable, chlorine free office paper.

Education / Outreach

As an entertainment venue we have an amazing opportunity to raise environmental awareness among our staff and guests. Internally, we educate staff on ways to improve the environmental performance of our venue. The Brisbane Entertainment Centre also engages our guests through environmental outreach events such as Earth Hour.

To track our company's overall progress towards our 2020 Environmental Goals check out AEG's 2012 Sustainability Report: www.aegworldwide.com/aeg1earth.

