

June 29, 2017

Powering the Fed Square River Rink

- **Siemens, one of the world's most sustainable companies, is bringing a touch of magic to Fed Square, sustainably powering this year's River Rink – the only outdoor ice skating rink in Melbourne's CBD. The River Rink will run from 1 – 23 July.**

Fed Square has long been dedicated to reducing water, waste and energy consumption and became a carbon-neutral precinct in 2015. So it's no surprise that cutting edge technology has been put to great use to bring a sustainable skating experience to the people of Melbourne.

Long term partners of Fed Square, Siemens is helping drive Fed Square's green credentials, having designed, and installed a co-generation plant underneath the Square that uses natural gas to generate the electricity that powers the rink. Using a powerful cloud-based digital platform, Siemens keeps track of energy consumption, making adjustments along the way to ensure energy efficiency is optimised.

With its twinkling fairy lights and twirling tunes to create atmosphere, the open air rink will bring an environmentally friendly touch to Melbourne's winter as happy skaters of all ages experience the joy of skating outdoors.

Head to fedsquare.com/riverrink for tickets and more information.

Driving sustainability through an Energy Performance Contract

As part of its mission to become carbon neutral, Federation Square engaged Siemens to reduce energy, water and waste at Federation Square through an Energy Performance Contract.

Some of these savings are a result from both simple and highly innovative initiatives, supported by Siemens as part of Victoria's Greener Government Buildings Program and designed to have a payback period of 8 years. For example:

- Energy is produced on-site, with solar panels harnessing energy from the sun.

- A co-generation plant underneath Federation Square uses natural gas to generate the electricity. Co-generation means the combined production of both electricity and useful heat at the same time. It's a more thermally efficient use of fuel than electricity generation alone and saves 4470kg of CO2 emissions every year, the equivalent to taking 1,000 cars off our roads.
- A forward-thinking approach to lighting design incorporates LED lighting, and sophisticated occupancy sensors;
- A water conservation plan and rainwater harvesting is helping to save water.

A powerful cloud-based digital platform allows Siemens to keep track of how these initiatives are performing. By analysing the data generated, small changes can be made to optimize performance over time – making Federation Square even more energy efficient.

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for 170 years. The company is active around the globe, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2017, which ended on September 30, 2017, Siemens generated revenue of €83.0 billion and net income of €6.2 billion. At the end of September 2017, the company had around 372,000 employees worldwide. Further information is available on the Internet at .