

> Cheers for Siemens' effort on One Central Park development

Mar 10, 2015

Siemens has cemented its position as the integration specialists for energy management systems with their work at Sydney's award-winning One Central Park development – a joint development by Frasers Property Australia and Sekisui House.

In the space once occupied by Australia's oldest brewery, One Central Park represents one of Sydney's latest major mixed-use urban renewal projects, with Siemens technology providing a state-of-the-art billing system to aid ongoing sustainability.

"Our involvement in One Central Park offers a glimpse into the future of sustainable development," said Siemens Executive General Manager Building Technologies, Stefan Schwab.

Developers set themselves the lofty goal of creating Australia's greenest and most self-sufficient mixed-use urban development, where sustainability is a way of life. They tasked Siemens with the installation of a billing grade Energy Management System (EMS).



"It means we can email daily energy and water consumption reports for all services to the customer for billing purposes. It's a great example of intelligent infrastructure and Siemens technology translating big data into user-friendly smart data.

"At the touch of a screen located in each apartment, residents can monitor apartment total energy, and hot and cold water consumption."

As well, consumers can display real time data for energy and water consumption, indicative cost and greenhouse emissions on touch screens installed in each of the more than 600 apartments.

"This means tenants can monitor their instantaneous energy consumption, cost and CO2 emissions and compare with previous days, weeks or even months, allowing them to track and alter their usage prior to receiving a bill."

In addition, Schwab said the EMS could scrutinise chilled water, hot water, domestic hot water and spa thermal energy meters, monitor main switch board electrical meters and inspect bulk potable and non-potable water meters.

Schwab said the system utilised the fibre-optic infrastructure to support all EMS functions, as well as Building Management System (BMS), Internet Protocol TV (IPTV), Internet, security, CCTV and intercom.

"The main risk of this project was to successfully provide a robust and reliable billing grade EMS that met all standards and requirements. Our team worked closely with the developers to produce an energy meter customised specifically to the requirements of One Central Park.

One Central Park was only the first stage of the development, housing 623 apartments of which Siemens installed the EMS. Park Lane and The Mark constituted stage two of the development, with a further 805 apartments – all using the same EMS and BMS installed by Siemens.

The inspiration for the building's design came from Pritzker Prize-winning architect: Jean Nouvel, famous for designing many of the world's most distinctive buildings.

Characterised by its rooftop gardens, green walls, and smart metering systems, One Central Park boasts an on-site thermal tri-generation plant and a water recycling plant. The building is expected to achieve a minimum five star green stars rating from Green Building Council Australia.

The complex has already won accolades, including the prestigious 2014 'Best Tall Building Worldwide' at the annual Council on Tall Buildings and Urban Habitat.

Media Contacts

Communications Manager

Keith Ritchie

p: +61 3 9721 7230

m: +61 457 841 189

keith.ritchie@siemens.com

Media Relations

Ms. Krupa Uthappa

p: +61 3 9721 7681

m: +61 427 601 578

krupa.uthappa@siemens.com

All other inquiries

p: 137 222

customercare.au@siemens.com
