

News Release

CDL AND TUAS POWER JOINTLY DEVELOP AND LAUNCH A DIGITAL ENERGY MONITORING PORTAL FOR COMMERCIAL TENANTS

- *Launch in synergy with BCA's 3rd Green Building Masterplan to engage tenants to manage and reduce their energy consumption and carbon footprint*
- *New portal is part of CDL's Green Lease Partnership Programme under which more than 300 or over 60% of its commercial tenants have signed a Green Lease MOU*
- *CDL's dedicated Green Lease Ambassadors will advise tenants on Green Lease best practices*

Singapore 29 Oct 2014 - City Developments Limited (CDL) and Tuas Power Generation Pte Ltd (Tuas Power) have jointly developed and launched a new digital energy monitoring portal for commercial tenants. This is also the first collaboration of its kind between a property developer and an electricity retailer in Singapore. The Automated Meter Reading (AMR) portal initiative is in line with the Building and Construction Authority's (BCA) 3rd Green Building Masterplan, launched in September 2014, to drive conscious energy monitoring and engage commercial tenants in best practices to lower energy consumption and carbon footprint.

CDL and Tuas Power have been engaging the tenants on the use of the AMR system and portal to self-monitor their energy consumption data. The system allows for precise billing accuracy based on real-time half-hourly consumption and avoids manual reading of meters. The timely information from the AMR portal which is accessible via mobile devices such as smartphones or tablets will enable CDL's commercial tenants to control and manage their energy usage more effectively. Through usage analysis and comparison charts available from the portal, tenants can better understand their usage patterns and find ways to lower their energy consumption. The AMR portal will be rolled out progressively across eight of CDL's commercial buildings comprising City Square Mall, Central Mall, Fuji Xerox Towers, King's Centre, Manulife Centre, Republic Plaza, Tampines Concourse and Tampines Grande.

The AMR portal is part of CDL's Green Lease Partnership Programme to engage, encourage and enable its commercial tenants to play a more proactive role in Singapore's sustainable development agenda. Under the Partnership, CDL has also introduced a dedicated team of Green Lease Ambassadors to advise its tenants on how to 'green fit-out' their premises by embracing environmentally friendly designs, materials, fittings, equipment and lighting fixtures. This includes advice on the use of indoor greenery, energy and water conservation measures and waste management.

These new initiatives will help to drive energy improvements through user behavioural change. To date, more than 300 or over 60% of CDL's commercial tenants have already signed a Green Lease Memorandum of Understanding (MOU), pledging their commitment to monitor, manage and reduce energy consumption. CDL Green Lease Pioneer tenants, to name a few, include

Hitachi Asia, ITOCHU Singapore, KPMG, Metro, NTUC FairPrice, Ramdas & Wong and Singapore Green Building Council.

Dr John Keung, Chief Executive Officer of Building and Construction Authority, said: “In Singapore, the building sector consumes up to 38% of the nation’s electricity. To achieve our target of having 80% of all our buildings to be Green Mark certified by 2030, we are accelerating the 'greening' of existing buildings. Beyond focusing on the building infrastructure, we need building owners, facility managers, tenants and occupants to play a bigger role in the green building movement. Achieving a green, sustainable built environment is a collaborative effort that requires commitment across the value chain, from policy makers, to developers, right down to the end-users. CDL’s Green Lease Partnership is a step in the right direction. We hope that more building owners and tenants will work together to create a future-ready built environment for Singapore.”

Mr Chia Ngiang Hong, CDL Group General Manager, said: “Over the years, significant efforts have been dedicated to consciously implement green property and facilities management in our buildings. We have retrofitted several of our existing commercial properties by upgrading chiller plants, introducing motion sensors, energy-efficient lighting and recladding facades. On average, this has yielded annual energy savings of over 14 million kWh which is equivalent to more than S\$3.6 million.”

He added: “With our commercial tenants on board, we can attain a greater reduction in energy consumption for the entire building. This will result in utility savings for the tenant and landlord, as tariff rate continues to rise. Our Green Lease Partnership and tie-up with Tuas Power to develop the AMR portal will contribute towards a more sustainable future.”

CDL is Singapore’s pioneering eco-developer and one of the largest landlords. It has attained 74 BCA Green Mark-certified residential and commercial properties, of which more than 70% are rated Green Mark Gold^{PLUS} and Platinum tiers.

Mr Lim Kong Puay, Tuas Power Ltd President & CEO, said: “At Tuas Power, we understand our customers’ need to manage their energy costs and to consume energy in a sustainable way. In line with our vision to be a key diversified solutions provider of energy, the AMR portal places the ability to measure and manage electricity consumption into the hands of the building tenants. The AMR portal is a useful tool because tenants gain sight of their energy consumption patterns on a half-hourly basis – a big improvement from the monthly static reading from energy bills. We want more to benefit from this ability to monitor on a real-time basis and are happy to partner CDL to provide energy solutions.”

For more information, please refer to:

Annex: Other CDL Green Lease Partnership Initiatives

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About City Developments Limited

As Singapore's property pioneer, City Developments Limited (CDL) is a listed international property and hotel conglomerate with over 34,000 luxurious and quality homes to its name. CDL has been leading the industry with green building innovation since the 1990s and was awarded the Green Mark Platinum Champion Award in 2011 and the Built Environment Leadership Platinum Award in 2009 by Building and Construction Authority (BCA) for its commitment to sustainable development and Singapore's built environment. Globally, CDL is the first Singapore corporation to be listed on three global sustainability benchmarks – FTSE4Good Index Series since 2002, Global 100 Most Sustainable Corporations in the World since 2010 and the Dow Jones Sustainability Indexes since 2011.

About Tuas Power Ltd

A fully owned subsidiary of NYSE-listed Huaneng Power International and a member of power giant China Huaneng Group, Tuas Power operates in the Singapore energy market as one of the leading power generation companies and a key provider of energy solutions, multi-utilities and environmental services.

About Tuas Power Supply Pte Ltd

Tuas Power Supply Pte Ltd, Tuas Power's retail subsidiary, is a trusted and reliable energy solutions provider that has gone beyond providing electricity solutions to helping businesses across all the major industries to increase their energy and business efficiency.

Annex: Other CDL Green Lease Partnership Initiatives



Project Eco-Office is a pioneering green campaign established with Singapore Environment Council (SEC) since 2002, with the aim of encouraging office workers, including CDL tenants to cultivate eco-friendly habits and manage precious resources in offices.

CDL provides its new tenants with a Project: Eco-Office Kit to promote the 3Rs – reuse, reduce and recycle. Designated corners with segregated waste disposal bins are strategically located in CDL buildings to promote recycling.

Through a comprehensive distribution exercise of Eco-Office kits, a dedicated online platform and numerous awareness campaigns, Project: Eco-Office has reached out to almost 75,000 office employees. Since its launch, 219 offices have been certified Eco-Office Label, including many non-CDL tenants.

This initiative has since evolved into a regional effort as active plans have been laid out to extend Project: Eco-Office to Malaysia and Indonesia by end-2014.

RECYCLING PROGRAMME

Since 2005, CDL has been tracking the paper recycling rate across its commercial properties. In 2013, CDL achieved a total tenants' participation rate of 94% and all its investment properties collaborated with Global Lamp Recycler (SG) Pte Ltd for the recycling of lamp tubes. Over 5,200 kg of lamp tubes have been diverted from landfills. In 2014, CDL's City Square Mall launched e-waste recycling and to date, over 200 kg of e-waste has been collected.



In 2007, CDL kicked off a "1°C Up Programme" which involves raising the air-conditioning temperature in offices by 1°C, to reduce energy consumption and raise eco-consciousness amongst our tenants.

Since 2009, CDL has achieved a 100% tenant participation rate and this programme has also achieved energy savings of 2,080,000 kWh annually through this campaign.

GREEN FITTING-OUT KIT

Since 2009, CDL started providing a green fitting out kit to tenants in phases.

This kit comprises guidelines and checklists that pertain to fitting out works, and during the tenants' operation at the premises. The guidelines cover environmentally-friendly designs, materials, fittings, appliances, lighting fixtures, waste management, energy and water conservation measures and use of indoor greenery.