

EEO 25th Anniversary Video	
Caption:	Energy saving for 25 years and creating the future
WONG Kam Sing (Secretary for the Environment):	Energy is vital in modern urban city and shall not be wasted. In the past 25 years, the Energy Efficiency Office has worked hard to promote the energy efficiency by mean of using technology and innovation in the community. I would like to express my heartfelt thanks to the Electrical and Mechanical Services Department (EMSD) for her contribution. Facing severe climate change and responding to the "Paris Agreement", we must redouble our efforts to promote energy efficiency and the use of renewable energy. Hong Kong actions to climate change. Everyone benefits from energy conservation.
Caption:	Energy End-uses Data
Caption:	Asia Pacific Economic Cooperation
Caption:	Energy Efficiency Labelling Scheme
Caption:	Fresh Water Cooling Tower
Caption:	Renewable Energy
Caption:	Buildings Energy Efficiency
Caption:	District Cooling System
VO:	Energy Efficiency Office of the EMSD was established in 1994. Apart from providing professional technical services, it also actively organizes activities to promote energy efficiency and energy conservation.
VO:	In the past 25 years, Energy Efficiency Office has been making persistent efforts and is committed to build a more energy-efficient and low-carbon sustainable city for Hong Kong people.
CHAN Kwok Chu, Joseph (Retired Senior Engineer) (He worked in the Energy Efficiency Office from 1996 to 2007) :	At initial establishment, the Energy Efficiency Office focused on promoting the message of energy conservation. From the commencement of Voluntary Energy Efficiency Labelling Scheme, it gradually integrated into the daily life of the public.
VY Ek Chin (Assistant Director/Electricity and Energy Efficiency) :	After entering the millennium, the Energy Efficiency Office had begun to work with the relevant stakeholders on local legislation, to increase the overall energy saving awareness of the society, and even developing the District Cooling System (DCS), which is a large-scale environmental infrastructure project, to continue promote energy saving and reduction in emission.
Caption:	Energy Efficiency Labelling Scheme
VO:	The Energy Efficiency Labelling Scheme aims to inform the public about the energy performance of electrical products and gas stoves so as to facilitate consumers' choice on selecting energy efficient products during their purchase. The Energy Efficiency (Labelling of Products) Ordinance is the first legislation on energy efficiency in Hong Kong that came into effect in May 2008. The Mandatory Energy Efficiency Labelling Scheme (MEELS) currently covers eight types of products accounting for about 70% of the annual electricity consumption in the residential sector. After the third phase of MEELS is fully implemented in December 2019, the entire scheme is expected to save about 600 million kWh per year which is equivalent to an annual electricity consumption of about 125,000 households.
Caption:	600 million kWh
Caption:	Annual Electricity Consumption
Caption:	District Cooling System
Caption:	Energy Efficiency
Caption:	85 million kWh
Caption:	Annual Electricity Consumption
Caption:	Tung Chung / Hung Shui Kiu / Kwu Tung North
VO:	The Kai Tak DCS project commenced in 2011, chilled water is produced at the

	central plants and distributes through water piping network and delivers to consumer buildings in the area for their air-conditioning purpose, its energy efficiency is 35 percent higher than traditional air-cooled air-conditioning systems. When the Phase III works is planned to completed in 2025, it will achieve estimated annual saving of 85 million kWh in electricity consumption, with an equivalent of an annual total of 18,000 nos. of household electricity consumption. Besides, we are planning for construction of DCS in the New Development Areas (NDAs) in Tung Chung New Town Extension (East), Kwu Tung North, Hung Shui Kiu, etc. Once the DCS at these NDAs completed, more energy saving can be achieved.
Caption:	Buildings Energy Efficiency Ordinance
Caption:	Electricity / illumination / Air-conditioner / elevator
VO:	About 90% of the electricity consumption in Hong Kong is from buildings. Since September 2012, the Buildings Energy Efficiency Ordinance was fully implemented to govern the energy efficiency standards of four major building services installations. It is estimated that by 2025, about 2 billion kWh of electricity will be saved each year, equivalent to about 420,000 households annual electricity consumption.
VO:	At present, there are many aged buildings in Hong Kong. After a long period of operation, energy efficiency performance of building may be declined. The use of "retro-commissioning" for timely checking of energy efficiency performance of existing buildings, and identifying areas for improvement can save about 5% of energy consumption. We and other stakeholders are implementing "retro-commissioning" in some government buildings and private buildings, and will continue to promote and develop this energy-saving measure with a view to inject new impetus into building energy efficiency performance.
Caption:	Energy Saving for All
VO:	Energy Efficiency Office raised public awareness of energy conservation through the promotion of "Energy Saving for All" Campaign. The Campaign comprises the Energy Saving Charter, the 4T Charter and the Energy Saving Championship Scheme. Through the experiences sharing and promotion of different ways to conserve energy, all sectors of the community is encouraged to get involved for achieving the goal of "Energy Saving for All".
Caption:	Energy Saving Technologies
VO:	Looking forward to the future, we can make it easier to practice energy saving in our daily lives through innovation and application of advanced technology, such as the use of artificial intelligence to control different energy-saving devices. Reference to foreign experience can enhance local energy-saving technologies.
Caption:	APEC Energy Working Group
LAI Hon Chung, Harry (Retired Deputy Director/Regulatory Services) :	The EMSD represented Hong Kong, China in the Asia Pacific Economic Cooperation (APEC) Energy Working Group. EMSD continues to play an active role in APEC Energy Working Group, work closely with its expert groups, and collaborate with APEC economies members to share experiences learned and exchange views to promoting energy efficiency and adopting renewable energy.
SIT Wing Hang, Alfred(Director of Electrical and Mechanical Services) :	In response to the challenges of climate change, the "Energy Saving Plan for Hong Kong's Built Environment 2015~2025+" issued by the Government sets the Hong Kong target for reducing energy intensity by 40% by 2025 with 2005 as the base year. Our Energy Efficiency Office, being the promoter, facilitator and regulator, propagates the energy saving targets via different energy saving measures, new technology and international collaborations. In fact, with the joint efforts amongst the government, the trade and the public, Hong Kong's energy intensity has decreased by 31.4% from 2005 to 2017. In the future, we will continue the unremitting efforts to achieve the goal.

Caption:	Energy Intensity
SIT Wing Hang, Alfred(Director of Electrical and Mechanical Services) :	Public support and involvement is very important in reducing the energy consumption in Hong Kong. We look forward to working hand in hand with the community to build an energy-saving future.