

## Our Responsibilities Sustainability



We endeavour to protect the environment and support sustainable development by establishing sustainable practices in our Company. Our performance in sustainability has been recognised by our continued inclusion as a constituent stock of the Hang Seng Corporate Sustainability Index.

### Engaging with Stakeholders

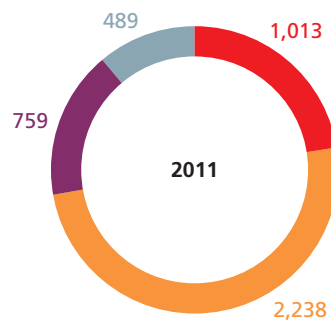
Under the leadership of the Corporate Social Responsibility (CSR) Committee, we continued to engage with our stakeholders – customers, suppliers, shareholders, professional institutes, non-government organisations, community leaders and the media - through various channels in 2011 while seeking opportunities to partner with them to promote the concept of sustainable development.

Many of our stakeholders have come in person to take a closer look inside the power station and see how coal, natural gas as well as renewable energy are turned into electricity. The power station tour is of particular interest to schools, and students can explore the world of energy and electricity through displays, models and touring around the power station and the wind-turbine site.

In 2011, our Lamma Power Station received about 4,500 visitors including those who joined under the shareholders' visits second year programme where a 95-year-old lady was the eldest among our guests. Registration fees collected during the year, together with a matching fund from Power Assets totalling HK\$50,200, were presented to the Hong Kong Society for the Aged.

### Lamma Power Station Visitors: 4,499

- Shareholders
- Education Sector
- Professional Institutions
- Others



## Our Responsibilities

We sponsored and participated in the Eco-Business Innovation Award and Mentoring Programme 2011-2012, organised by the Hong Kong University of Science and Technology's student union, to exchange views on running a green business in a sustainable manner. We also sponsored the ECOLity Global Youth Summit on Sustainability organised by AIESEC, the world's largest student-run organisation, and our representative shared our experience on pursuing lifestyles of health and sustainability with students.

Power Assets participated in the sixth Eco Expo Asia in October in Hong Kong to share our low carbon initiatives with about 500 local and overseas stakeholders, including government officers, buyers, environmental specialists, teachers and students.



We sponsor the fishery sector to install photovoltaic panels on fishing boats and rafts to help reduce Hong Kong's carbon emissions.

### Renewable Energy Sponsorship Programme

To promote the use of renewable energy (RE) in the fishing industry, HK Electric has sponsored the installation of micro solar photovoltaic (PV) panels on about 500 fishing vessels and mariculture rafts capable of producing a total of over 30,000 units of green electricity a year.

Without the PV panel installation, the fishermen will have to consume over 9,000 litres of diesel oil to produce the same output resulting in over 20 tonnes of CO<sub>2</sub> emissions. Stored in batteries, solar energy can power basic operations of small vessels even when they are docked, without the need to operate the diesel-powered engine.

### 4R Policy

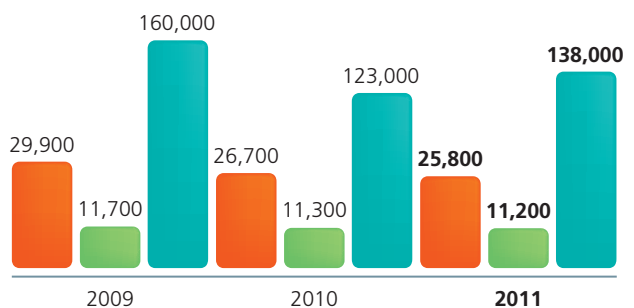
In Hong Kong, we embrace the 4R (reduce, reuse, recycle and recover) policy in our operations. Each year, we set targets on saving water and paper. In 2011, we achieved a 3% reduction in town water consumption in our main office buildings and a 1% reduction in paper consumption as compared with 2010.

To promote waste reduction and the recycling of usable materials, we provided collection bins at our offices for employees to dispose of their home used compact fluorescent lamps, printer cartridges and toners. These products will then be taken to the government's recycling facilities or other NGOs and manufacturers for recycling.

A trial was carried out using the two food-waste eliminators at the Lamma Power Station to process gardening wastes. The trial was very successful and about 360 kg of such wastes were processed in 2011. Lamma Power Station also collected rainwater and wastewater for reuse.

#### Reduce and Reuse

- Office Buildings Water Usage (m<sup>3</sup>)
- Paper Usage (Ream)
- Rainwater and Wastewater Collected for Reuse (m<sup>3</sup>)





Teachers and students find the new reference book on energy very useful for the new liberal studies curriculum.

## Partnering with Green Groups

Power Assets continues to support green groups in their efforts to protect the environment. We responded to World Wide Fund For Nature's call for action on climate change and participated in "Earth Hour 2011" and provided system loading for WWF Hong Kong to assess the impact of the campaign.

For the second year, we supported the "Take a 'Brake' Low Carbon Action – Corporate Green Driving Award Scheme", initiated by Friends of the Earth Hong Kong to promote car fuel efficiency. We improved fuel efficiency by over 4% and reduced fuel consumption by more than 6% during the action period, winning the gold award for "Fuel Saving Percentage Improvement" and silver for the "Fuel Efficiency Percentage Improvement". A total of 92 employees also participated in the programme and reduced their driving time by about 1,300 days.

We sponsored Green Power by publishing a new reference book on energy for use by secondary school teachers. This is the first such reference book with local examples for the new liberal studies curriculum. Two workshops were arranged to introduce the guidebook to about 70 secondary school teachers, together with a visit to Lamma Power Station.

An NGO workshop was held in May when we shared the safe use of electricity and energy efficiency with NGO representatives. They also visited the newly opened Smart Power Centre and Power Quality Centre.

## Green Purchasing Guideline

Our Company introduced a Green Purchasing Guideline in 2008 which sets out the principles for selecting

general products that are environmentally-friendly. To further address the importance of green purchasing, we expanded the coverage in the guideline in 2011 to encourage the use of more environmentally-friendly products.

## Sustainability Reporting

We understand fully the importance to be accountable and transparent to our stakeholders and are keen to discuss our sustainability performance with them in ways that would benefit our business, customers and the community. We issued in early 2011 our first annual Sustainability Report covering 2010 under the Global Reporting Initiative A+ disclosure application level, with external assurance.

## Accolades

In recognition of our efforts and performance in various areas of CSR, Power Assets was presented with the "Total Caring Award" under the Caring Company Scheme by the Hong Kong Council of Social Service in April. This was followed by a gold award we received under the "Services Category" of the 2nd Hong Kong Outstanding Corporate Citizenship Award, organised by the Hong Kong Productivity Council in December. We were also awarded a bronze award under "Volunteers Team" in the same scheme.

Under RepuTex's (the research partner of Hang Seng Corporate Sustainability Index) environmental, social and corporate governance ratings for China and Hong Kong, Power Assets was upgraded from "A" for 2010 to "A+" for 2011.



We are honoured to receive the "Total Caring Award" under the Caring Company Scheme by the Hong Kong Council of Social Service in April.