

ENVIRONMENTAL SUSTAINABILITY

In line with global efforts to save the environment, SPH adheres to high ethical standards and implements its business strategies with the environment in mind.

Energy and water conservation

SPH looks into all possible ways to conserve energy and reduce carbon emission.

The energy conservation measures include optimising the usage of all equipment and shutting down those that are not in use. SPH also controls the lighting in offices and its printing plant, without compromising on safety and security. These measures result in savings of more than \$500,000 annually.



SPH has in place an extensive energy-efficiency improvement programme and carries out regular energy audits. It has replaced its air-conditioning chillers with energy-efficient VSD (Variable Speed Drive) chillers in 2008, resulting in energy savings of 5 per cent or 300 megawatt-hours. This translates into a saving of \$50,000 per month.

SPH has also installed water-saving devices at all its printing plants. It treats all its waste effluent in its waste treatment plant and ensures that it meets all the National Environment Agency's (NEA) requirements before discharging it into the sewage system.

Recycle, recycle and recycle

At SPH News Centre, recycle bins are placed at all pantry rooms for segregation of aluminum cans and plastic bottles. Close to 30 recycle bins for waste paper are placed company-wide, usually next to the photocopy machines in the respective

departments. The paper waste is sold as scrap three times a week. Recycle bins are also found in the canteens of Print Centre and Media Centre.

SPH staff are encouraged to return used ink-cartridges for recycling. An average of 480 recyclable ink cartridges are collected annually.

SPH also recycles its production waste which includes aluminum printing plates, printing paper waste, paper wrappers and covers, used negative films and used fixers, by selling them to vendors.

SPH aims to maximise the use of newsprint that is produced from recycled fibre, or fibre from certified forests. In 2009, it sourced more than 80 per cent of newsprint from recycled fibre.

Clean and green

Plants are grown to beautify the offices and create a cosy environment for staff and visitors. Gardeners nurse the potted plants so that they can be recycled for company events. Trees are planted to provide shades for parking lots and to reduce heat and glare from the sun.

SPH is also looking into the installation of a landscape irrigation system which would help to improve the efficiency of landscape maintenance and save on water consumption.

Paragon goes green

Paragon is constantly looking into ways to be green. It participated in the Earth Hour consecutively in 2009 and 2010, by switching off the facade lightings for an hour.

The shopping mall has changed its car park lightings to the energy-efficient LED lights. All lightings at the common areas will be changed to LED lights progressively.

There is also a set of chillers with a self-cleaning system installed to maintain effective heat transfer. If this method proves to be cost-efficient, the system will be implemented for all the remaining chillers.

Paragon is planning to create a green roof within Level 6 of the mall. With this green roof, direct heat will be shielded and cooling will be reduced, thus resulting in lower electricity and energy required for the air-conditioning.