

First Solar-Powered 3G Mobile Base Station for Starhub

6th August, 2009

StarHub Deploys Singapore's First Solar-Powered Mobile Base Station *Project part of long-term programme to transform company into a 'greener'*

Singapore, 6 August 2009 – StarHub today announced the trial deployment of Singapore's first solar-powered mobile base station (BTS) located on the roof of StarHub's main office, StarHub Green, at Ubi. Currently, the environmentally-friendly, fully-operational BTS is used to service StarHub mobile users in StarHub Green itself although there are plans to expand the mobile coverage to the neighbourhood as well.



Mr Peter Cook, vice president of StarHub's Integrated Network Engineering said "We are taking a serious look at how our operations could impact the environment; and reducing our overall energy consumption is one of the key goals we have to help transform StarHub into a greener organisation. Right now, we are using this trial deployment as a feasibility study on how much we can offload the need for utility power and rely on cleaner energy resources. We are also looking at whether the same technology can be utilised at our other BTS located around Singapore."

The new BTS system is equipped with 20 solar panels, which means that it will operate using solar energy and rely less on utility power during the day. Based on average call loads on the BTS, approximately 58% of the BTS power consumption is driven by the solar panels. As far as it can be ascertained, if the current energy savings are maintained for the whole year, the CO2 reduction from the operation of the BTS would be about 2.5 tonnes [1].

The solar energy generated for the BTS runs parallel to StarHub Green's utility power grid, so that on cloudy or rainy days, or at night, the BTS will revert back to using energy from the grid.

This project, initiated by StarHub's mobile network team early this year, is part of StarHub's new programme to initiate green projects internally in order to lower its overall power consumption in its operations, along with other resources such as paper and water. StarHub is also looking to inform and engage all its customers to adopt a 'greener' lifestyle.

For information on StarHub, please visit www.starhub.com.

[1] Note - figures are unaudited estimates only.