Suruhanjaya Tenaga

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Energy saver for school

Renewable energy system helps to cut electricity cost

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KOTA KINABALU: SMK Langkon in Sabah's northern Kota Marudu has become the recipient of a 9.kW solar photovoltaic (PV) system that will generate electricity while saving the school on electricity bills.

The installation of the system is a project undertaken by the Energy, Green Technology and Water Ministry with Sustainable Energy Development Authority (SEDA) and Sabah Electricity Sdn Bhd (SESB) to promote and spread awareness to the students and local community on the importance of renewable energy.

"This will assist us to achieve the country's national agenda to promote the use of green and clean energy, including among the local communities," minister Datuk Seri Dr Maximus Ongkili said when launching the project at the school.

He added that the project would be a model as it was the first time net metering system was being used in Sabah by SESB.

"With this system, the balance of energy produced in the premises that is not utilised is sold back to SESB. The school will only pay the net electricity bill after the amount of energy generated from the solar PV system is deducted," he explained.

"The net metering system will enable a more proper monitoring and accounting of energy usage and reduce wastage of excess energy, which will be exported to the grid," added Dr Ongkili.

The school was chosen because the site houses two schools - the SK Langkon and SMK Langkon, enabling the students there to have first-hand exposure on the subject of renewable energy.

The school is also often used as a temporary relief centre for flood victims in the district and electricity disruption can easily occur during a flood.

"Hence, the solar PV system would also be of great assistance in providing electricity to the relief centre," he said.

Besides the project launch, a MyHijau Youth camp was also held by Malaysia Green Technology Corporation in Kudat participated by 40 Form Four students from SMK Langkon.

Group effort: Dr Ongkili (centre) with the 40 SMK Langkon students who participated in the MyHijau Youth Camp.