

CONTROLLING OFFICER'S REPLY

ENB031

(Question Serial No. 2649)

Head: (42) Electrical and Mechanical Services Department
Subhead (No. & title): Not Specified
Programme: (3) Energy Efficiency and Conservation, and Alternative Energy
Controlling Officer: Director of Electrical and Mechanical Services (Alfred W H SIT)
Director of Bureau: Secretary for the Environment

Question:

Under the Solar Harvest programme, the Government assists schools (except government and profit-making schools) and welfare non-governmental organisations which are receiving recurrent subventions from the Social Welfare Department to install solar photovoltaic (PV) systems. In this connection, will the Government inform this Committee of the following:

- (1) Since the launch of the programme, (i) how many applications have been received in total; (ii) how many applications have been approved; (iii) what is the amount of subsidy granted to approved projects; and (iv) what is the funding balance of the programme;
- (2) Please provide the details of the approved projects in the following format:

Name of applicant organisation	Amount of subsidy granted	Location of solar PV system installed	Electricity generating capacity of PV system (only for government subsidised sections)	Estimated electricity generation efficiency of solar PV system	Estimated annual electricity generation of solar PV system

Asked by: Hon LEUNG Kenneth (LegCo internal reference no.: 213)

Reply:

Solar Harvest has been implemented since 2019-20. Under Solar Harvest, the Electrical and Mechanical Services Department (EMSD) installs small-scale solar energy generation systems free of charge for eligible schools and welfare non-governmental organisations.

In 2019-20, Solar Harvest received a total of 217 applications with a revised estimated expenditure of \$19.16 million for carrying out works in about 50 eligible schools. The installed capacity of each solar energy generation system, which is equipped with high-

efficiency photovoltaic panels, is around 10kW. The estimated total annual electricity generation of these systems is 400 000 kWh. As the works are still in progress, the EMSD is unable to provide final expenditure figures for 2019-20 at the moment. In 2020-21, the EMSD's estimated expenditure on the implementation of Solar Harvest is \$67.5 million.

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