

POH ERN SHIH Photovoltaic Power System Data Summary

From: **TEO Boon Teck** (teoboonteck@grenzone.com)

Sent: January 4, 2009 9:29:25 AM

To: 'PES-Boon Lee' (boonsionglee@hotmail.com)

Cc: 'Lee Coo' (leecoo@singnet.com.sg); 'Toh Peng Seng' (tohpengseng@grenzone.com)'

1 attachment(s)



[PES PVPS ...pdf](#) (46.1 KB)

Dear Mr Lee,

Attached is a summary sheet on the system performance of existing Photovoltaic Power System installed on Block 2 Roof Top.

For the entire year of 2008, the total solar-generated power is **23,076 kWh** @0.30cents per kWh the savings to PES is **\$6,022.80per year.**)

The projected output is 21,700 kWh (based on 4.5 Peak Sun Hours at annual average weather conditions and system efficiency of 70%).

The energy yield is **3.35per kWh/kWp** installed (against projected target at 3.15kWh/kWp).

Also, greenhouse gases (**CO2**) **reduction of 12,230 kg** is achieved by the PV system for 2008.

We have not deducted those dates which the PV system was shut down either due to grid power failure or scheduled shut down by the electrical contractors. Therefore, the actual system performance is higher than those stated above.

Will come back to you on more detailed summary.

Regards,

Boon Teck