

Electric Transport System Limited

Legislative Council Secretariat,
3/F., Citibank Tower,
3 Garden Road,
Central,
Hong Kong.

2 June 2010

Submission to Bill Committee on
Motor Vehicle Idling (Fixed Penalty) Bill

We support clean air for Hong Kong and this Bill, subject to certain actions as suggested in this letter.

Referring to the captioned Bill, we would ask LEGCO to consider the plight of all drivers and passengers who needs to wait in stationary vehicles, and especially professional drivers who may have no choice but to remain in their vehicles whilst stopped.

Our Company, ETS, knows of at least three devices which had been developed by local and mainland Chinese engineers/scientists that can power most vehicles' air conditioning systems whilst their engines are switched off. However, none of these products are commercially available at present, due to various commercial and IP issues. However, ETS is confident that at least two such devices will be available within this year.

In the meanwhile ETS will be happy to consider co-operating with EPD on testing of one of these devices in conjunction with the taxi trade, later this year.

ETS would also refer to concerns raised by the transport trade in the following areas:

1. "Hot Cab" effect. This being the heating up of the interior of a vehicle under the sun. In respect of this concern, ETS proposes modifications to the construction of certain vehicles, such as taxis, coaches, buses and mini-buses, with the assistance of EPD in getting approvals to these modifications from the Transport Department. ETS are confident that our proposed modifications will reduce heat gain in most

vehicles by over 70 % and loss of coolness will also be reduced by over 50 %. The resultant net effect is that less air conditioning will be required to maintain a cool and comfortable environment inside vehicles.

2. Covered Terminus. ETS supports electric charging facilities at all terminus for all vehicles – cars, taxis, coaches, buses, mini-buses. ETS propose environmentally friendly covered terminus, constructed in a combination of planter trellis, PV solar panels and micro-wind turbines which can supply clean electricity to vehicles waiting at these terminus. The electricity supply is used for charging the afore-mentioned devices in vehicles, if they require operation for long periods without the vehicles' engine running.

We thank members of this committee in considering our suggestions.

Yours faithfully,



Ir Nigel Lam
CEO