



lui mak

2007/05/29 上午 10:03

To cruise@edlb.gov.hk

cc

bcc

Subject Proposal for New Cruise Terminal at Kai Tak

Urgent Return receipt Sign Encrypt

History:

This message has been replied to and forwarded.

Dear sirs,

My name is Katie Lui. I am very concerned about the air pollution issue. My husband understands from the EPD data that, the marine industry has caused nearly 6% of the air pollution in Hong Kong. I can see easily everyday many boats and ships are emitting very dark effluent in our harbour. Even though the new regulations that governing the marine air pollution have been in force last year, Hong Kong is still too slow to adopt.

Comparing our harbour with the more environmental concerned countries like Europe and the America, I learned that Onshore Power Supply or Cold Ironing has been a good trend to allow ships/ vessels to use electricity during their "hoteling" (the situation when the ships are docking and having the air-conditioning, lighting and machines operating for cleaning and food preparation, etc) at the berth.

From our friends network of environmental engineers, they have worked out a website research and found a paper showing that the effluent at the local power company is very much smaller than the effluent produced by the ships, as below:

	NOx (g/kWh)	SO2 (g/kWh)	PM (g/kWh)
Emission Factors from Auxiliary Engine engines using 2.7% sulphur fuel (current average)	12.47	12.3	0.80
Emission Factors from Auxiliary Engine engines using 0.1% sulphur fuel (EU 2010 limit)	11.8	0.46	0.30
Average Emission Factors for EU25 electricity production	0.35	0.46	0.03

Reference: European Commission Directorate General Environment. Task 2a – Shore-Side Electricity, Final Report. August 2005
www.europa.eu.int/comm/environment/air/pdf/task2_shoreside.pdf

I learned from some property management friends that there are difficulties to provide such electricity supply to the harbour after the terminal is built. For example the Ocean Terminal, it is impossible to ask them for land and space for housing the extra power cable, switch gears and transformers, etc for the power supply with non-standard voltage and frequency in the loading demand side.

Me and my daughter Karen strongly support the Hong Kong Government must include Onshore Power Supply in the design stage of the new Cruise Terminal. As the specifications described in section 62 "Environmental Protection and Pollution Mitigation" of the

Explanatory Note on your web site.

Yours sincerely,
Katie Lui
