The Hongkong Electric Co Ltd
香港電燈有限公司

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) ORDINANCE, CAP. 499

ENVIRONMENTAL PERMIT NO. EP-083/2000

LAMMA POWER STATION
CONVERSION OF TWO EXISTING GAS TURBINES (GT5 & GT7) INTO A
COMBINED CYCLE UNIT
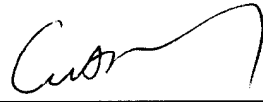ENVIRONMENTAL MONITORING & AUDIT PROGRAMME
AT OPERATIONAL PHASE

Report Title	Monthly EM&A Report (November 2006)
Date	8 December 2006
Certified by	(Mr. Chan Kwok-Fai, Environmental Team Leader)
Verified by	(Nature & Technologies (HK) Ltd, Independent Environmental Checker)

1.   **AIR AND WATER QUALITY MONITORING FOR GT57 OPERATION IN NOVEMBER 2006**

This is the November 2006 Environmental Monitoring and Audit (EM&A) report for the Project "Operation of GT57 Combined Cycle Unit" prepared by the Environmental Team (ET). GT57 was not operated in the reporting month. In this regard, no air quality and water quality monitoring pertinent to GT57 was carried out in the reporting month.

2.   **PROGRESS OF EXISTING AMBIENT AIR QUALITY NETWORK REVIEW**

A suitable site has been identified and approved by EPD for the installation of an ambient air quality monitoring station at Cheung Chau. Installation work is in progress.

3.   **IMPLEMENTATION STATUS ON THERMAL PLUME SURVEYS**

No thermal plume survey was carried out in the reporting month. The survey would only be conducted under the conditions stipulated in the proposal on the programme and methodologies for thermal plume survey attached in the EM&A manual (Operational Phase).

4.   **FUTURE KEY ISSUES**

4.1   **Outage Plan for the coming 3 months**

The major outage plan for the next 3 months is shown below:

Date	Remark
23/11/2006 to 08/12/2006	C.W. outlet culvert outage

4.2   **Key issues for the coming month**

Key issues to be considered in the coming month include:

Air Impact
- To monitor the water injection rate continuously while GT57 is operating.
- To monitor the sulphur content of the LGO to be burnt in the combined cycle unit.

Water Impact
- To carry out water quality monitoring while GT57 is operating as required by the EM&A manual (Operational phase).

~ End ~

1106gt57.doc