

# **Continuing Environmental Commitments**

27 March 2006

#### **2005 Emissions Performance**



Emissions of SO2, NOx and particulates down from 2004 while total electricity demand grew by 6.8%

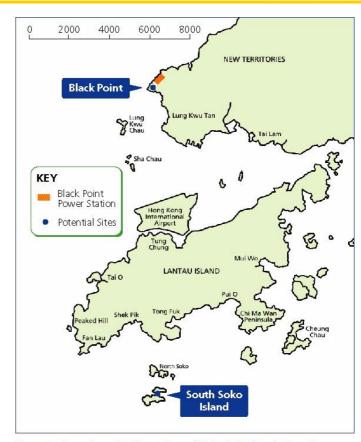
	Total Emissions	
SO2		11%
NOx		2%
<b>Particulates</b>		14%

Ultra low sulphur coal is improving our emissions performance in 2005

## **LNG** is Key to Meeting Emissions Targets



- Two potential sites identified:
  Black Point and South Soko
- EIA on the two sites underway
- Over 15 government departments are involved in the process
- Engaging community through various channels (site visits, briefings, etc.)



A map showing the location of Black Point & South Soko Island.

### **FGD Project is Progressing**



- EIA process commenced in Nov 2005
- Engineering and design underway
- Retrofit work must take place during low demand season
- Trying to expedite programme without compromising our generating capacity
- Concerns over proposed SoC terms discouraging emissions control





Upon completion, starting 2009, emissions of SO2 and NOx will be reduced by 90% and 80%, respectively

## **CLP Group's Renewable Energy Developments**



#### **Operation**





Guangdong, Huaiji 98MW Hydro (82MW in operation)



Australia, Bluff Point\* 65MW wind



Australia, Cathedral Rocks\* 66MW wind

### Hong Kong – offshore feasibility



Hong Kong – Wind Turbine Pilot Demonstration (2007)



#### Construction



Shandong, Changdao (3/2006) 27MW wind



Shandong, Weihai (2006/7) 19.5MW wind



Jilin, Shuangliao\* (2006/7) 49MW wind



Guangdong, Nanao (2007) 45MW wind



# **THANK YOU**