

**Attachment-2 (a)**

(1) Q : Please provide CLP's reserve margin from 1981 to 1996.

A : The CLP's reserve margin from 1981 to 1996 are tabulated as follows:-

<u>Year</u>	<u>Reserve Margin (%)</u>
1981	27
1982	33
1983	36
1984	38
1985	38
1986	40
1987	39
1988	52
1989	40
1990	51 *
1991	47
1992	47
1993	45
1994	59
1995	46
1996	50

Notice that figures shown are financial year end figures.

\* In 1990, Castle Peak unit B4 677MW was commissioned with special Government approval to replace fuel from oil by coal to benefit the customers.

(2) Q : Please provide, over period 1981-1996, CLP's Maximum Demand Forecast and actual figures, and the deviations.

A : The Comparison of Forecast Accuracy on Maximum Demand is shown graphically in Appendix (a) and the corresponding figures are shown in Appendix(b).

(3) Q : Some of the Hok Un and Tsing Yi generating units were retired earlier than planned, how many years ?

A : The Hok Un generating units were retired according to plan and there were no early retirement.

The Tsing Yi steam generating units were planned to retire over period 1996-1998 in the 1992 Financing Plan. However, in 1994, in line with the then spread deferral on Black Point units, the Tsing Yi A and Tsing Yi B steam units were retired in 1994 and 1995 respectively for economic and environmental reasons.

**Attachment-2( b)**

- (4) Q : In building Black Point Power Station, under the Scheme of Control Agreement, how much on asset will be increased for CLP and CAPCO ?

For the whole project, how much was invested in civil, common equipment and plant?

A : The planned budget for Black Point Power Station is HK\$ 23,697 million. Asset for CAPCO will be increased when the concerned amount is spent and will start depreciation when the equipment is commissioned. The budget summary for Black Point Power Station is as follows.

	<u>HK\$m</u>
Land and Civil	4,000
Plant	10,855
Erection and Commissioning	3,998
Financing Charges	2,588
Contingency	1,256
Total	23,697

Budget for common equipment is HK\$ 6,705 million.

- (5) Q : Please provide from 1981 to 1996, CLP's sales to domestic, manufacturing, commercial and government & others ( in GWh) and the their increase/decrease situation

A : The Historical Sales to CLP Local Customers from 1981 to 1996 are shown in Appendix(c), and the variations are shown in Appendix(d).

- (6) Q : How much are the production costs for Daya Bay nuclear and pumped storage power stations ? How much is the production cost for Hong Kong generation ?

A : The information on production costs are commercial sensitive information and we are unable to provide.

- (7) Q : What are the CLP purchase prices per unit for the nuclear and pumped storage generation ?

A : Again, the purchase prices concerned are commercial sensitive and we are unable to provide.

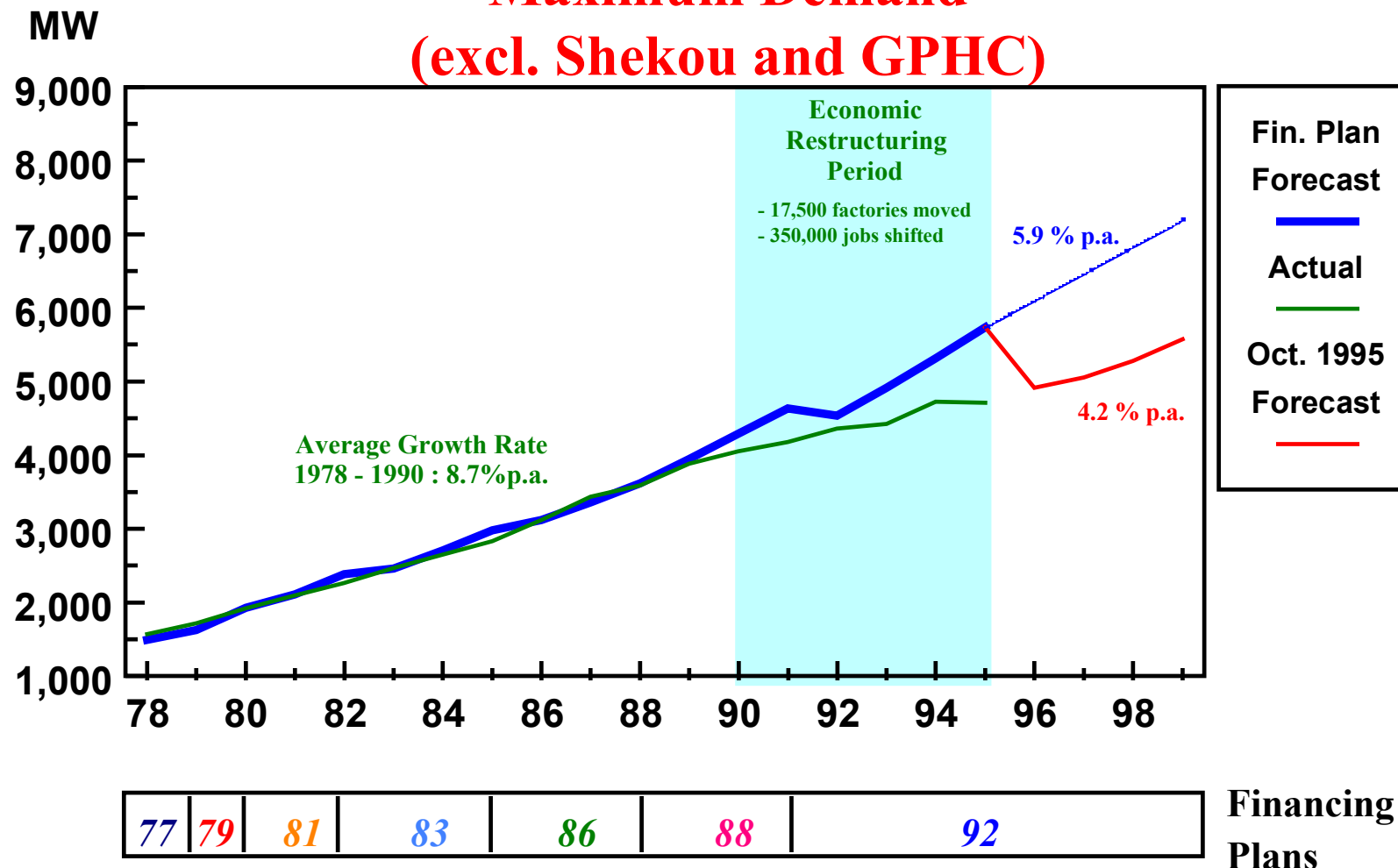
- (8) Q : Would CLP elaborate or explain the purchase of natural gas contract ( including period, price and quantity) ? If Black Point units 5 - 8 were deferred, can CLP reduce the purchase of natural gas ?

A : Purchase of natural gas started on 1st January 1996 and for 20 years. We are unable to provide the price of natural gas as we are bound by the gas contract. However, a lot gas related information have already been provided to Government for monitoring our operation purpose. If Black Point units 5 - 8 were deferred, CAPCO cannot reduce the quantity as purchase is on a take-or-pay basis.

# Comparison of Forecast Accuracy

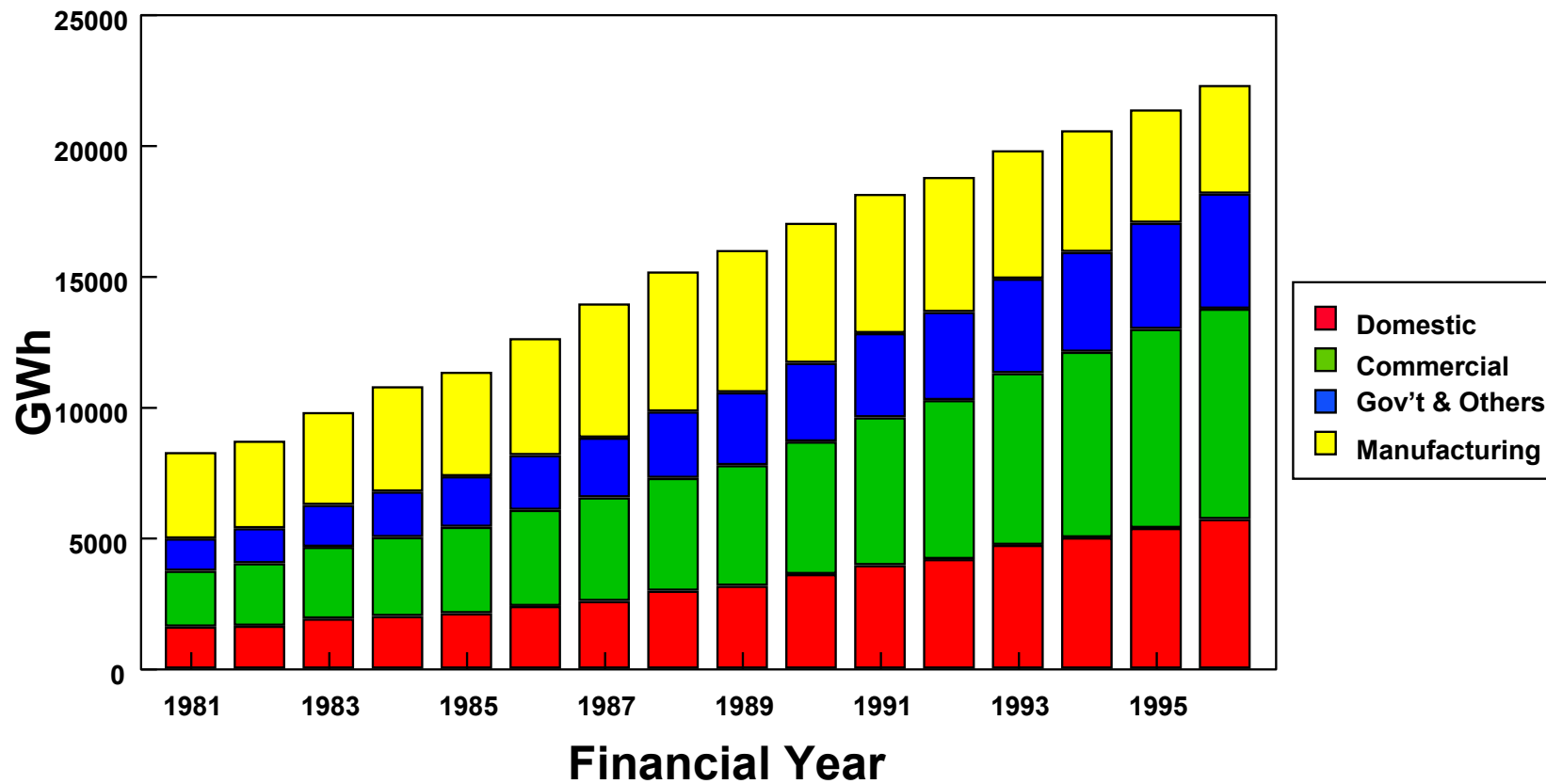
## Maximum Demand

(excl. Shekou and GPHC)



Comparison of Forecast Accuracy Maximum Demand (excl. Shekou and GPHC)			
	Fin. Year	Financing Plan	
		Forecasts	Actual
		MW	MW
77 Fin. Plan	1978	1490	1572
	1979	1625	1724
79 Fin. Plan	1980	1925	1927
81 Fin. Plan	1981	2110	2098
	1982	2385	2269
83 Fin. Plan	1983	2464	2475
	1984	2710	2656
	1985	2980	2836
86 Fin. Plan	1986	3120	3123
	1987	3360	3440
	1988	3620	3593
88 Fin. Plan	1989	3950	3892
	1990	4290	4058
	1991	4635	4180
92 Fin. Plan	1992	4540	4365
	1993	4915	4432
	1994	5315	4730
	1995	5735	4720
Oct 95 LF	1996	4915	4998

## Historical Sales to CLP Local Customers (excl. Shekou and GPHC)



## % Change

Customer Classes	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Domestic	6.6	2.1	16.3	5.2	5.3	13.1	8.0	15.6	6.2	14.1	9.2	6.2	12.8	6.1	7.1	6.3
Commercial	13.3	11.3	15.3	9.9	9.7	11.2	7.6	8.8	6.9	9.8	11.7	7.3	8.2	8.1	7.1	5.7
Gov't & Others	12.2	9.5	19.2	8.7	10.5	8.6	9.3	11.0	9.8	7.9	6.9	4.6	7.1	5.6	6.6	8.3
Subtotal	10.8	7.9	16.6	8.2	8.6	11.1	8.2	11.3	7.4	10.6	9.7	6.3	9.3	6.9	7	6.5
Manufacturing	3.4	1.0	6.1	13.4	-0.7	11.8	14.7	4.4	1.7	-1.6	-0.4	-3.0	-4.9	-5.3	-6.7	-4.2
Local sales	7.7	5.1	12.6	10.1	5.1	11.3	10.5	8.8	5.4	6.4	6.5	3.6	5.4	3.8	3.9	4.4