



**LEMBAGA LETRIK NEGARA
TANAH MELAYU**

BELANJAWAN HASIL TAHUN 1988/89

SULIT

RUJ: LLN. 014/6/5

PERPUSTAKAAN ILIAS LLN
Mesyuarat: 13.8.1988

SULIT

LEMBAGA LETRIK NEGARA
TANAH MELAYU

MEMORANDUM LEMBAGA

BIL. 77 TAHUN 1988

BELANJAWAN HASIL - 1988/89 (ANGGARAN) DAN 1987/88 (DIULANGKAJI)

Belanjawan Hasil telah disediakan sejajar dengan ramalan pertumbuhan ekonomi yang lebih baik, 'generation mix' yang dirancang serta kawalan kos dan akauntibiliti yang lebih sempurna. Harga purata bahanapi dan arang batu yang diramal ialah masing-masing sebanyak \$307.72 satu tonne (US\$18.00 setong) dan \$128.48 satu tonne (bersamaan US\$11.70 setong) berbanding dengan harga semasa sebanyak \$236.00 satu tonne (US\$13.60 setong) dan \$114.20 satu tonne (bersamaan US\$10.40 setong).

2. Belanjawan Hasil bagi tahun 1988/89 dan Belanjawan Diulangkaji bagi tahun 1987/88, termasuk kira di dalamnya keperluan merumuskan perbelanjaan kendalian optima bagi memperolehi prestasi yang memuaskan dan bagi mengadakan perkhidmatan yang sempurna kepada orang ramai. Ianya juga dapat memastikan supaya LLN boleh mengeluarkan hasil yang mencukupi agar lebih pendapatan boleh digunakan bagi membiayai sebahagian daripada perbelanjaan pembangunan modal dan memenuhi kehendak-kehendak kewangannya.

3. Daripada Belanjawan Hasil tahun 1987/88 dapat dilihat bahawa bilangan unit yang dijual dalam tahun 1987/88, diulangkaji kepada 13,657.2 juta dan pendapatan kepada \$2,527.8 juta, iaitu kenaikan sebanyak 4.2% dalam unit dan 2.5% dalam nilai daripada anggaran asal. Hasil bersih selepas ditolak bayaran faedah ke atas stok biasa, faedah ke atas pinjaman dan cukai perbadanan adalah dianggar sebanyak \$631.9 juta yang mana adalah sebanyak \$324.2 juta lebih daripada anggaran asal sebanyak \$307.7 juta. Kenaikan tinggi di dalam hasil bersih, adalah disebabkan kenaikan dalam jualan, kejatuhan harga minyak bahanapi serta penjimatan di dalam cukai perbadanan berbanding dengan anggaran awal.

4. Bagi tahun kewangan 1988/89, bilangan unit yang dijual dianggar sebanyak 14,667.0 juta dan pendapatan sebanyak \$2,704.9 juta, iaitu kenaikan sebanyak 7.4% dalam unit dan 7.0% dalam nilai daripada tahun lepas. Hasil bersih selepas ditolak bayaran faedah ke atas stok biasa (\$27.1 juta) dan cukai perbadanan (\$49.0 juta), dianggar sebanyak \$636.7 juta. Kos purata bahanapi yang dikenakan bagi tahun 1988/89 dianggar sebanyak \$307.72 setonne (US\$18.00 setong) bagi minyak bahanapi, \$0.46 seliter (bersamaan US\$29.06 setong) bagi minyak distillate, \$128.48 setonne (bersamaan US\$11.70 setong) bagi arang batu, dan \$5.00 se MMBTU (bersamaan US\$13.75 setong) bagi gas. 'Generation Mix' yang dirancang bagi tahun

...2/-

SULITLEMBAGA LETRIK NEGARA
TANAH MELAYUBOARD MEMORANDUMNO. 77 OF 1988REVENUE BUDGET - 1988/89 (ESTIMATED) AND 1987/88 (REVISED)

The budget has been prepared in line with a forecast of improvement in economic growth, planned generation mix and improved cost control and accountability. The average fuel and coal prices has been assumed to be \$307.72 per tonne (US\$18.00 per barrel) and \$128.48 per tonne (US\$11.70 per barrel equivalent) compared to the current prices of \$236.00 per tonne (US\$13.60 per barrel) and \$114.20 per tonne (US\$10.40 per barrel equivalent) respectively.

2. The Revenue Budget for 1988/89 and the Revised Budget for 1987/88, have taken into account the need to formulate optimal operating expenditure to sustain satisfactory performance and to provide efficient service to the public. It is also to ensure that LLN would generate sufficient revenue so that the surplus could be used to finance a portion of the capital development expenditure and meet the financial covenants.

3. From the 1987/88 Revenue Budget, it can be observed that the number of units sold in 1987/88 is revised to 13,657.2 million and income to \$2,527.8 million, an increase over original estimate of 4.2% in units and 2.5% in value. Net revenue after deduction of interest payable on ordinary stock, interest on borrowings and the corporate tax is now estimated at \$631.9 million which is \$324.2 million more than the original estimate of \$307.7 million. The substantial increase in net revenue, is due to increase in sales, reduction in fuel price and savings in corporate tax compared to the earlier estimate.

4. For the financial year 1988/89, the number of units sold is estimated at 14,667.0 million and income at \$2,704.9 million, an increase over previous year of 7.4% in units and 7.0% in value. Net revenue, after deduction of interest payable on ordinary stock (\$27.1 million) and corporate tax (\$49.0 million), is estimated at \$636.7 million. The average fuel cost applied for 1988/89 is estimated at \$307.72 per tonne (US\$18.00 per barrel) for fuel oil, \$0.46 per litre (US\$29.06 per barrel equivalent) for distillate fuel, \$128.48 per tonne (US\$11.70 per barrel equivalent) for coal, and \$5.00 per MMBTU (US\$13.75 per barrel equivalent) for gas. The planned generation mix for 1988/89 is as shown below:-

	<u>Percentage</u>
(a) Bulk Purchase	0.02
(b) Diesel	0.61
(c) Hydro	22.57
(d) Steam - Oil	40.59
(e) Gas Turbine	0.24
(f) Combined Cycle	26.04
(g) Steam - Coal	9.93
	<u>100.00</u>

=====

1988/89 adalah seperti berikut:-

	<u>Peratus</u>
(a) Pembelian Pukal	0.02
(b) Disel	0.61
(c) Hidro	22.57
(d) Haba - Minyak	40.59
(e) Tarbin Gas	0.24
(f) Kitar Padu	26.04
(g) Haba - Arang Batu	9.93
	<hr/>
	100.00
	=====

5. Dalam seksyen 5.6 Belanjawan, adalah dinyatakan bahawa lebih banyak \$636.7 juta serta dengan sumber-sumber dalam yang lain dan pinjaman adalah mencukupi bagi menampung perbelanjaan pembangunan modal dianggar sebanyak \$925.0 juta bagi tahun yang sama.

6. Lembaga akan dapat memenuhi segala kehendak kewangan dengan Bank Dunia dan Bank Pembangunan Asia mengenai Nisbah Pembiayaan Sendiri, Nisbah Semasa, Liputan Khidmat Hutang dan Kadar Pulangan ke atas aset yang dinilai semula bagi kedua-dua tahun kewangan 1987/88 dan 1988/89 sepertimana diringkaskan di seksyen 5.7 Belanjawan Hasil.

7. Usaha masih diteruskan untuk meningkatkan lagi pengeluaran dan mengurangkan kos kendalian keseluruhannya. Usaha bersama akan juga dibuat bagi meningkatkan jualan elektrik dengan mengenalpasti sumber pasaran baru dan pengguna-pengguna baru.

SYOR

8. Pihak Pengurusan berpuashati bahawa Belanjawan Hasil bagi tahun 1988/89 dan Belanjawan Hasil Diulangkaji bagi tahun 1987/88 adalah berpatutan dan dengan demikian memperakunya untuk diluluskan.

TINDAKAN YANG DIKEHENDAKI

9. Ahli-Ahli Lembaga adalah diminta menimbang dan meluluskan syor di perenggan 8 diatas.



(Tan Sri Dato' Mohd. Jafaluddin bin Zainuddin)
PENGURUS BESAR

Kuala Lumpur,
2 Ogos 1988.

5. In section 5.6 of the Budget, it is pointed out that this surplus of \$636.7 million together with other internal resources and borrowings will be sufficient to meet the capital development expenditure estimated at \$925.0 million for the same year.

6. The Board will be able to meet all the financial covenants of the World Bank and the Asian Development Bank in respect of Self-Financing Ratio, Current Ratio, Debt Service Coverage and the Rate of Return on revalued assets for both the financial years 1987/88 and 1988/89 as summarised in section 5.7 of the Revenue Budget.

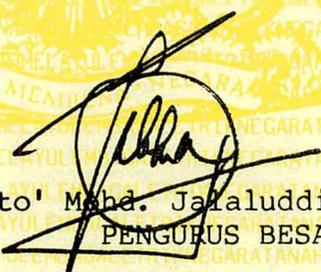
7. Efforts are being continued to further increase productivity and reduce overall operating costs. Concerted efforts will also be made to increase sales of electricity identifying new market sources and new consumers.

RECOMMENDATION

8. Management is satisfied that the Revenue Budget for 1988/89 and the Revised Revenue Budget for 1987/88 are reasonable and therefore recommends for their approval.

ACTION REQUIRED

9. Members of the Board are requested to consider and approve the recommendation in paragraph 8 above.



(Tan Sri Dato' Mohd. Jalaluddin bin Zainuddin)
PENGURUS BESAR

Kuala Lumpur,
2 Ogos 1988.

**LEMBAGA LETRIK NEGARA
TANAH MELAYU**

REVENUE BUDGET 1988/89

<u>TABLE OF CONTENTS</u>		<u>Page</u>
1.	Objectives	1
2.	Review of 1987/88 Revenue Budget	2
2.2.1	Income From Sales of Electricity	2
2.2.2	Other Income	3
2.3	Operating Expenses	3
2.3.1	Generation Expenses	3
2.3.2	Transmission Expenses	3
2.3.3	Distribution Expenses	4
2.3.4	Consumers Service Expenses	4
2.3.5	Meter Reading, Billing and Collection Expenses	4
2.3.6	Training and Welfare Expenses	4
2.3.7	Administration Expenses	4
2.3.8	General Expenses	4
2.3.9	Foreign Exchange Difference Reserve	4
2.4	Non-Operating Expenses	5
2.4.1	Interest Payable	5
2.4.2	Corporate Tax	5
2.5	Net Revenue	5
3.	Conclusion	5
4.	1988/89 Revenue Budget	5
5.	Summary of 1988/89 Revenue Budget	6
5.1	Income From Sales of Electricity	7
5.2	Other Income	7
5.3	Operating Expenses	7
5.4	Non-Operating Expenses	7

5.5	Interest on Ordinary Stock and Dividend Receivable	7
5.6	Sources and Application of Fund	8
6.	Detailed Analysis of 1988/89 Budget	10
6.2	Domestic Consumers	10
6.3	Commercial Consumers	10
6.4	Industrial Consumers	10
6.5	Mining Consumers	10
6.6	Public Lighting	10
7.	Other Income	11
8.	Expenditure for 1988/89	11
8.1	Generation	11
8.1.1	Electricity Purchased in Bulk	13
8.2	Transmission	13
8.3	Distribution	13
8.4	Consumers Service	13
8.5	Meter Reading, Billing and Collection of Accounts	14
8.6	Training and Welfare	14
8.7	Administration	14
8.8	General Expenses	14
9.	Depreciation	14
10.	Interest Payable	15
11.	Provision for Taxation	15
12.	Net Revenue and Contribution of Reserve	15
13.	Notes on the Balance Sheet as at 31st August 1988 and 1989	15

13.1	Investment	16
13.1.1	In Industries	16
13.2	Current Assets	17
13.2.1	Fuel	17
13.2.2	Stores	17
13.2.3	Rechargeable Work-In-Progress	17
13.2.4	Debtors	17
13.2.5	Staff Advances	17
13.2.6	Payments in Advance	17
13.2.7	Cash at Banks and Short Term Deposit	17
13.2.8	Cash in Hand	18
14.	Current Liabilities	18
14.1	Creditors, Accrued Liabilities and Short Term Retention on Capital Contracts	18
14.2	Consumers Deposits	18
14.3	Bank Overdrafts and Short Term Loans	18
15.	Financed By	18
15.1	Ordinary Stock	18
15.2	Borrowings	18

APPENDIX

- A Revenue Account
- B Sales Of Electricity
- C Other Income
- D Summary Of Operating Expenditure
- E Generation Costs Under Types Of Power Stations
- F/1 Rechargeable Work
- F/2 Hire of Apparatus
- F/3 Estimated Provision For Depreciation
- G Consolidated Salaries and Wages Overhead Account
- H Transport and Travelling Expenses
- I National Grid Costs
- J Summarised Station Budgets
- K Estimated Sales by Stations
- L Comparison of Original and Revised Budgets
for 1987/88
- M Estimated Balance Sheets as at 31st August 1988
and 31st August 1989
- N Financial Covenant requirements by World Bank
- O Provisional Revenue Account 1989/90

BUDGET 1988/89 AND REVISED BUDGET 1987/88

1. Objectives

The Revenue Budget 1988/89 has been prepared with the following objectives:

- 1.1 To achieve all the financial targets as agreed with World Bank and Asian Development Bank.
- 1.2 To reduce operational expenditure by improving labour productivity, monitoring overtime, and reduce stock level.
- 1.3 To manage electricity production so as to minimise costs consistent with security of supply and ensure that generation from fuel oil based power stations will not exceed 50% of the total generation mix.
- 1.4 To reduce Transmission and Distribution losses.
- 1.5 To further improve the level of service to customers, in line with the theme of "LLN At Your Service" (LLN Berkhidmat untuk Anda), like prompt response to consumers enquiries, break-downs and new connection of supply.
- 1.6 To intensify marketing efforts with the theme of "Go Electric".
- 1.7 To step-up training programme for upgrading of skills.
- 1.8 To concentrate/intensify Research & Development efforts necessary to ensure efficient and economic operation of the LLN system and use of resources.
- 1.9 To reduce any adverse environmental effects arising from plant and equipment at least to the levels required by legislation.

2. Review of 1987/88 Revenue Budget

The 1987/88 Revenue Budget is revised based on actual sales and fuel used for period September 1987 to February 1988 together with the revised generation mix, other income, expenditure, depreciation and interest on loans and overdraft.

2.1 The average fuel oil price for oil plants has been revised to \$259.47 per tonne or US\$15.30 per barrel (\$6.46 MMBTU) compared to the original estimate of \$333.34 per tonne or US \$20.0 per barrel (\$7.60 MMBTU). The reduction in fuel cost is due to the assumption of fuel price at US\$20.00 per barrel in the last budget.

2.2 Comparison of original estimate and the revised budget for 1987/88 is as shown in Appendix L and the details given below:-

2.2.1 Income From Sales Of Electricity

As will be seen from Appendix L, income from sale of electricity for 1987/88 has been revised at \$2,527,754,500 compared with the original estimate of \$2,467,029,600, an increase of \$60,724,900 or 2.5% and estimated income in cents per unit sold decreased from 18.82 cents to 18.51 cents.

Estimated income from Domestic Consumers has been increased by \$11,553,300 or 1.9% and the estimated income from Commercial Consumers has been increased by \$13,524,900 or 1.3%. Estimated income from Industrial Consumers has been increased by \$34,206,400 or 4.4% and the estimated income from Mining Consumers has been increased by \$3,279,500 or 7.6%. The income from Public Lighting is estimated to decrease by \$1,839,200 or (6.5%).

2.2.2 Other Income

Other income which comprises trading profits from rechargeable work and hire of apparatus, transfer from consumer's contribution account and sundry receipts including interest receivable, and any gains or losses in foreign exchange rates is now estimated at \$189,192,700 compared with the original estimate of \$57,475,800, an increase of \$131,716,900 or 229.2%.

2.3 Operating Expenses

The revised estimate of \$1,634,180,400 for operating expenses for 1987/88 is \$60,503,400 or 3.6% less than the original estimate of \$1,694,683,800 due mainly to decrease in fuel cost.

2.3.1 Generation Expenses

Generation expenses have been decreased by \$170,682,500 to \$937,715,400 or 15.4% less than the original estimate of \$1,108,397,900 and bulk purchase of electricity has been increased by \$69,300 to \$233,300 or 42.3% compared to the original estimate of \$164,000. The decrease in generation expenses is due mainly to the decrease in the fuel total quantity and price of \$183,211,000.

2.3.2 Transmission Expenses

Transmission expenses have been increased by \$3,543,500 or 4.3% due mainly to the increase of \$3,250,500 in repairs and maintenance.

2.3.3 Distribution Expenses

Distribution expenses have been increased by \$10,616,200 or 4.7% due to the increase of \$6,223,000 in repairs and maintenance and \$2,487,900 in salaries and wages.

2.3.4 Consumers Service Expenses

Consumers service expenses have been increased by \$2,238,100 or 14.5% due mainly to the increase of \$1,267,900 in connection and testing expenses and \$563,900 in transport and travelling.

2.3.5 Meter Reading, Billing and Collection Expenses

Expenses of meter reading, billing and collection of accounts have been increased by \$3,929,500 or 10.0% due to an increase of \$2,785,700 in salaries and wages and \$852,300 in transport and travelling.

2.3.6 Training and Welfare Expenses

Expenses of training and welfare have been decreased by \$1,802,900 or 6.4% due mainly to a decrease of \$2,925,000 in training expenses and an increase by \$1,318,400 in welfare expenses.

2.3.7 Administration Expenses

Administration expenses have been decreased marginally only.

2.3.8 General Expenses

General expenses have been decreased by \$748,700 or 1.3% due mainly to decrease in consultant fees and allowances of \$4,789,500 and in investigation of potential Hydro Electric Scheme of \$1,790,000 and increases due to provision of \$1,300,000 in the revised budget for payment of Ex-Gratia for use of PRHEP assets and minimum increases in other expenses.

2.3.9 Foreign Exchange Difference Reserve

A provision of \$198,000,000 has been made, being unrealised losses on loan repayable within 12 months at the year-end compared to \$105,000,000 provided in the original estimate.

2.4 Non-Operating Expenses

2.4.1 Interest Payable

Interest payable on borrowings is now revised at \$289,696,000, an increase of \$28,556,000 or 10.9%.

2.4.2 Corporate Tax

Income tax provision has been revised from \$216,104,400 to \$134,300,000. This is mainly due to calculation of capital allowances at straight line method compared to residual value previously.

2.5 Net Revenue

As a result of these revisions, the original estimate of \$307,662,200 as net revenue after deduction of interest on borrowings, corporate tax and interest payable on ordinary stock has been revised to \$631,853,800, an increase of \$324,191,600 or 105.4%.

3. Conclusion

In reviewing the performance of LLN for 1987/88, it is envisaged the Board is likely to achieve most of the objectives that had been adopted during last budget.

4. 1988/89 Revenue Budget

The 1988/89 budget is prepared with the objectives based on para 1 and the following assumptions:-

4.1 The Government will continue to exempt the LLN from paying import duties sales tax, surtax on all its purchases, including duty on fuel oil, coal and gas.

4.2 The Board will pay 40% corporate tax and 5% development tax.

4.3 The fuel costs are as follows:-

<u>Type of Fuel</u>	<u>Price</u>		
	<u>M\$</u>	<u>US\$</u>	
i) Fuel oil	307.72	Tonne 18.00	Barrel
ii) Gas	5.00	MMBTU 13.75	Barrel
iii) Distillate	0.46	Litre 29.06	Barrel
iv) Coal	128.48	Tonne 11.70	Barrel

(Conversion to Malaysian Ringgit based on US\$1/- = Malaysian Ringgit \$2.60)

4.4 Discounts given to various consumers will continue to be given.

4.5 The planned generation mix is as follows:-

<u>Type of Generation</u>	<u>Units Generated</u> (000)	<u>%</u>
Hydro	3,882,100	22.57
Steam - oil	6,980,000	40.59
Gas (Paka Combined Cycle)	4,479,000	26.04
Diesel	105,000	0.61
Bulk Purchase	3,300	0.02
Gas Turbine	40,900	0.24
Steam - coal	1,708,200	9.93
	<u>17,198,500</u>	<u>100.00</u>
	=====	=====

4.6 Transmission and Distribution losses, including station use is expected to be within 15.0% of the total units generated.

4.7 Sales is expected to increase by 7.4% in units which is consistent with the long term forecast and 7.0% in value.

4.8 The Sultan Salahuddin Abdul Aziz Power Station II is expected to be on commercial operation in August 1988.

4.9 The number of consumers is expected to increase by 130,000 to 2,554,000 in 1987/88 and by 150,000 to 2,704,000 in 1988/89.

4.10 Overtime estimated for 1987/88 is targetted at \$39.1 million or approximately 21.5% and for 1988/89 is \$31.4 million or approximately 17.5% compared to the actual in 1986/87 of \$40.8 million or 23.0% of annual salaries and wages. However every effort will be made to reduce overtime without sacrificing standard of service.

5. Summary of 1988/89 Revenue Budget

Appendices A to H gives details of the Budget for 1988/89, the Revised Budget for 1987/88 and comparative figures of actual income and expenditure for 1986/87. The following is the summary of the 1988/89 budget, corresponding figures for the 1987/88 Revised Budget being given in brackets.

5.1 Income From Sales of Electricity

It will be observed from Appendix A that income from sales of electricity is estimated to amount to \$2,704,939,600 (\$2,527,754,500) at an average price of 18.44 (18.51) cents per unit sold. Appendix B gives details of sales under classes of consumers and shows the estimated sales at 14,666,973,000 (13,657,177,000) units. The estimated increase in sales in 1988/89 over 1987/88 amounts to 7.4% in units and 7.0% in value.

5.2 Other Income

Other income is estimated at \$175,523,800 (\$189,192,700) or 1.20 (1.38) cents per unit sold giving an estimated total income of \$2,880,463,400 (\$2,716,947,200) or 19.64 (19.89) cents per unit sold. Appendix C shows the items classified under Other Income.

5.3 Operating Expenses

Operating expenses (including depreciation) are estimated in Appendix A at \$1,846,131,700 (\$1,634,180,400) or 12.59 (11.96) cents per unit sold, giving an estimated operating surplus of \$1,034,331,700 (\$1,082,766,800) or 7.05 (7.93) cents per unit sold.

5.4 Non-Operating Expenses

Deducting interest payable on borrowings estimated at \$321,761,000 (\$289,696,000) or 2.19 (2.12) cents per unit sold and corporate tax estimated at \$49,000,000 (\$134,300,000) or 0.33 (0.98) cents per unit sold, the net revenue is estimated at \$663,570,700 (\$658,770,800) or 4.53 (4.83) cents per unit sold.

5.5 Interest on Ordinary Stock and Dividend Receivable

After providing for interest payable on ordinary stock at \$27,081,000 (\$27,081,000) and adding dividend received from investments in industries \$164,000 (\$164,000) the amount available for contributions to reserves is estimated at \$636,653,700 (\$631,853,800) or 4.34 (4.63) cents per unit sold.

5.6 Sources and Application of Fund

It must be pointed out that the estimated surplus of \$636.7 million for 1988/89 together with other internal resources and borrowings will be sufficient to meet the capital requirements estimated at \$925.0 million for the same year. The total estimated capital requirements and the sources of finance are given below:-

	<u>\$Million</u>	<u>\$Million</u>
<u>Internal Resources</u>		
Estimated net revenue	636.7	
Depreciation provision	398.9	
Consumers' contribution and sales of assets (Net)	72.9	
	<hr/>	1,108.5
<u>Less:</u> Loan repayments	273.5	
Increase/(decrease) in working capital	146.1	419.6
		<hr/>
		688.9
<u>Borrowings</u>		
World Bank	71.5	
Yen Credit	106.0	
Asian Development Bank	17.7	
French Protocol Loan	6.9	
French Bank	27.7	
Gota Bank	6.3	
	<hr/>	236.1
Estimated Capital Development Expenditure		<hr/>
		925.0

...9/-

5.7 As required by the World Bank/Asian Development Bank to review the Board's financial position and take measures necessary to ensure that the Board will comply with the financial covenants as laid down in the Agreements, an Appendix N has been prepared. From this appendix it will be observed that the Board will be able to meet the covenants which are reproduced for ease of reference.

	<u>1986/87</u> (Actual)	<u>1987/88</u> (Revised)	<u>1988/89</u> (Estimated)
<u>Self-Financing Ratio</u>			
Self-Financing ratio on 3 year average capital expenditure	47.1%	77.9%	79.1%
Self-financing ratio as required by World Bank/Asian Development Bank	30.0%	30.0%	30.0%
<u>Current Ratio</u>			
Current assets to Current liabilities less Consumers deposit	1.1	1.2	1.4
World Bank requirement	1.1	1.1	1.1
<u>Debt Coverage Service</u>			
Total internal cash generation to total debt service	1.9	2.5	2.4
Asian Development Bank requirement	1.3	1.3	1.3
<u>Rate of Return</u>			
Net revenue to net revalued assets	9.8%	14.5%	12.5%
Asian Development Bank requirement	8.0%	8.0%	8.0%
<u>Debt Equity Ratio</u>			
Borrowings to Borrowings and Equity	42:58	41:59	38:62
World Bank requirement	60:40	60:40	60:40

6. Detailed Analysis of 1988/89 Budget

6.1 Appendix B and K show the detailed estimated income. It will be observed from Appendix B that sales during 1988/89 are estimated to exceed those of the previous year by 7.4% in units and 7.0% in value whereas for 1987/88 sales are estimated to exceed those of the previous year by 9.8% in units and 7.9% in value. The average income per unit sold for all classes of consumers is estimated to decrease from 18.51 cents in 1987/88 to 18.44 cents in 1988/89.

Comments on sales to the various classes of consumers are now given, the comparative rate of increase or decrease in the year 1988/89 over the previous year being given in brackets.

6.2 Domestic Consumers

Income from domestic consumers is estimated to increase from \$609,053,800 to \$649,350,400. This represents a rate of increase of 6.7% (6.9%) in units and 6.6% (6.5%) in value.

6.3 Commercial Consumers

Income from commercial consumers is estimated to increase from \$1,025,480,100 to \$1,084,256,400 representing an increase of 5.8% (7.8%) in units and 5.7% (7.3%) in value.

6.4 Industrial Consumers

Income from industrial consumers is estimated to increase from \$820,481,700 to \$890,511,600 representing an increase of 8.5% (12.9%) in units and an increase of 8.5% (10.0%) in value.

6.5 Mining Consumers

Income from mining consumers is estimated to increase from \$46,263,100 to \$53,364,400 representing an increase of 15.2% (10.7%) in units and 15.4% (8.2%) in value.

6.6 Public Lighting

Income under the public lighting tariff is estimated to increase from \$26,475,800 to \$27,456,800 representing an increase of 3.7% (5.2%) in units and an increase of 3.7% (a decrease of 0.3%) in value.

7. Other Income

Appendix C shows the items classified under Other Income, the total of which is estimated at \$175,523,800.

8. Expenditure for 1988/89

8.1 Generation

As indicated in Appendix D the generation expenses are to increase from \$937,715,400 to \$1,121,053,200, an increase of \$183,337,800 (19.6%). This is mainly due to the projected increase in overall fuel cost.

Cost per unit sold of generation and bulk purchase is expected to increase from 6.87 cents in 1987/88 to 7.64 cents in 1988/89. Expenditure for generation and bulk purchases of electricity for 1988/89 is expected to increase by \$183,347,500 or (19.6%) compared with an increase of 7.0% in the value of units sold.

The increase in fuel cost is mainly due to the projected increase in fuel price from \$259.47 per tonne to \$307.72 per tonne in 1988/89.

Fuel cost for the Board as a whole is expected to increase by \$146,282,100 to \$821,467,500 or (21.7%). This is mainly due to the increase in fuel price. In cents per unit sold, fuel oil is expected to increase from 4.94 cents to 5.60 cents.

Other major increase in generation expense is in respect of depreciation, which is expected to increase by \$48,783,100 to \$210,490,400 or 30.2%, the major item being commissioning of Sultan Salahuddin Abdul Aziz Power Station II.

As shown in Appendix E the generation costs of diesel power stations are expected to decrease by \$1,651,600 to \$31,940,100 or 4.9% and the units sold are expected to decrease from 95.2 million units to 88.8 million units. Generation cost per unit sold is expected to increase from 35.27 cents in 1987/88 to 35.96 cents in 1988/89.

The largest decrease is in depreciation which is expected to decrease by \$1,015,200 to \$4,604,400 or 18.1%.

Generation costs of steam power stations are expected to increase by \$173,786,000 to \$765,199,400 or 29.4% and units sold are expected to increase by 1,250.4 million units from 6,109.3 million units to 7,359.7 million units. The generation cost in cents per unit sold are expected to increase from 9.68 cents in 1987/88 to 10.40 cents in 1988/89.

The largest increases are in fuel cost which is expected to increase by \$140,225,100 to \$597,872,800 or 30.6% and depreciation which is expected to increase by \$43,056,300 or 54.0%. In cents per units sold fuel costs are expected to increase from 7.49 cents in 1987/88 to 8.12 cents in 1988/89, and depreciation is expected to increase from 1.30 cents in 1987/88 to 1.67 cents in 1988/89.

Generation costs of hydro-electric power stations are expected to increase from \$58,227,800 in 1987/88 to \$66,520,600 in 1988/89, an increase of \$8,292,800 or 14.2%. Units sold are estimated to decrease by 553.4 million units from 3,959.1 million units in 1987/88 to 3,405.7 million units in 1988/89. Generation costs in cents per unit sold are expected to increase from 1.47 cents in 1987/88 to 1.95 cents in 1988/89. The large increase is in repairs and maintenance which is expected to rise by \$4,167,700 to \$13,126,100. In cents per unit sold repairs and maintenance is expected to increase from 0.23 cents in 1987/88 to 0.38 cents in 1988/89.

Generation costs of gas turbine plants are expected to decrease by \$17,895,900 to \$20,912,700 or 46.1%. The units sold are estimated to decrease by 150.6 million units from 185.6 million units in 1987/88 to 35.0 million units in 1988/89. The generation costs in cents per unit sold are expected to increase from 20.91 cents in 1987/88 to 59.70 cents in 1988/89. The large decrease is in fuel cost which is expected to reduce by \$18,442,300 to \$7,745,400. In cents per unit sold fuel cost is expected to increase from 14.11 cents in 1987/88 to 22.11 cents in 1988/89.

Generation costs of Paka combined cycle power station is expected to increase by \$183,337,800 to \$1,121,053,200. The units sold are estimated to increase by 469.8 million units from 3,304.7 million in 1987/88 to 3,774.5 million units in 1988/89. The generation costs in cents per unit sold are expected to decrease from 6.53 cents in 1987/88 to 5.95 cents in 1988/89.

8.1.1 Electricity Purchased in Bulk

Electricity purchased in bulk is estimated to increase from \$233,300 to \$243,000, an increase of \$9,700 or 4.0%. The cost per unit sold of electricity purchased in bulk is expected to increase from 7.29 cents in 1987/88 to 7.36 cents in 1988/89.

8.2 Transmission

Transmission expenses are estimated to decrease from \$86,525,900 to \$74,989,000, a decrease of \$11,536,900 or 13.3%. Costs in cents per unit sold are expected to decrease from 0.63 cents in 1987/88 to 0.51 cents in 1988/89. The major decrease in transmission expenses is in depreciation which is expected to decrease by \$12,105,300 to \$47,694,700 or 20.2%.

8.3 Distribution

Distribution expenses are estimated to increase from \$235,419,200 to \$247,682,500 an increase of \$12,263,300 or 5.2%. Costs in cents per unit sold are expected to decrease from 1.72 cents in 1987/88 to 1.69 cents in 1988/89. The major increase in distribution expenses is in depreciation which is estimated to rise by \$9,595,300 to \$118,986,100 or 8.8%.

8.4 Consumers Service

Expenses under consumers service are estimated to remain same.

8.5 Meter Reading, Billing and Collection of Accounts

Expenses of meter reading, billing and collection of accounts are estimated to increase from \$43,418,700 to \$44,129,000, an increase of \$710,300 or 1.6%, while costs per unit sold is expected to decrease from 0.32 cents in 1987/88 to 0.30 cents in 1988/89.

8.6 Training and Welfare

Training and welfare expenses are estimated to increase from \$26,157,300 to \$31,096,500, an increase of \$4,939,200 or 18.9%. Costs in cents per unit sold is expected to increase from 0.19 cents in 1987/88 to 0.21 cents in 1988/89.

8.7 Administration

Administration expenses are estimated to increase from \$33,000,900 to \$42,695,500, an increase of \$9,694,600 or 29.4% due to the bulk allocation of \$8.3 million to Research and Development.

8.8 General Expenses

General expenses after apportionment to rechargeable work are estimated to increase from \$55,994,300 to \$66,528,200, an increase of \$10,553,900 or 18.8%. The major increase in general expenses are in consultant fees and allowances from \$2,235,500 to \$12,583,000, Investigation of Potential Hydro Electric Schemes of \$1,186,000, Computer software rental of \$1,956,000 payment of \$1,300,000 of Ex-Gratia for use of PRHEP assets, and reduction in Rents & Rates of \$1,784,900.

9. Depreciation

Depreciation charges are spread throughout the mainheads of expenditure (i.e. generation, transmission etc.). Total depreciation is estimated to increase from \$354,181,000 to \$398,933,300, an increase of \$44,752,300 or 12.6%. The main increases are in generation and distribution which are estimated to increase by \$48,783,100 and \$9,595,300 respectively.

10. Interest Payable

Interest payable on borrowings and bank overdrafts is estimated at \$289,696,000 for 1987/88 and \$321,761,000 for 1988/89. The increase is as a result of increase in foreign exchange rates.

11. Provision for Taxation

The Board is expected to pay corporate tax of \$134,300,000 in 1987/88 and \$49,000,000 in 1988/89. The decreases are due to more capital allowances available as a result commissioning Sultan Salahuddin Abdul Aziz Power Station.

12. Net Revenue and Contribution to Reserve

It will be seen from Appendix A that the total amount of net revenue after interest on ordinary stock is estimated at \$636,653,700 for 1988/89 and \$631,853,800 for 1987/88. Receipt of dividend on investment estimated at \$164,000 for both years are also included.

In allocating net revenue available for contributions to reserves as between the capital development account and general reserve, the Board's stated policy is to maintain the general reserve at an amount approximately equal to 10.0% of sales, the balance of net revenue to be transferred to capital development account.

13. Notes on the Balance Sheet as at 31 August 1988 and 1989

The estimated balance sheets as at 31st August 1988 and 31st August 1989 shown in Appendix M have been prepared on the basis of the estimates included in the Revenue and Capital Budget 1987/88 and 1988/89. Comments have already been made on the individual items of expenditure (which effect the balance sheets) and comments on the balance sheet items themselves as at 31st August 1989 are given, the corresponding figures as at 31st August 1988 being given in brackets.

Fixed Assets at the commencement of the year are estimated at \$12,956,721,000 (\$11,528,721,000). Expenditure on fixed assets during 1988/89 is estimated at \$925,000,000 (\$1,434,000,000) as follows:-

<u>Capital Expenditure</u>	<u>1987/88</u> \$ Million	<u>1988/89</u> \$ Million
Sultan Mahmud Hydro-Electric Power Station, Terengganu Darul Iman	29.7	7.2
Sultan Salahuddin Abdul Aziz P.S. I Kapar	29.9	3.6
Sultan Ismail P.S. Paka, Terengganu Darul Iman	35.8	10.0
Sultan Salahuddin Abdul Aziz P.S. II Kapar	614.3	109.2
Sungai Piah Hydro-Electric Scheme, Perak Darul Ridzuan	22.0	43.3
Plant Rehabilitation & Conversion From Oil to Oil/Gas Firing at Port Dickson, Perai and Gudang	0.1	25.0
Rehabilitation of Chenderoh Hydro-Electric Power Station, Perak Darul Ridzuan	1.3	2.3
Conversion of Combined Cycle Plant to Gas Firing at Connaught Bridge, Klang, Selangor Darul Ehsan	-	21.0
IBRD - Projects associated with 10th Power Loan	42.0	29.5
IBRD - Projects associated with 11th Power Loan	156.3	124.3
IBRD - Projects associated with 12th Power Loan	17.5	68.0
ADB - Mini Hydro Loan Projects	13.4	1.3
ADB - Transmission System Improvement Loan Projects	4.1	6.3
Normal Development Projects	467.6	474.0
TOTAL CAPITAL EXPENDITURE	<u>1,434.0</u>	<u>925.0</u>

Disposal of fixed assets are estimated at \$6,000,000 (\$6,000,000) leaving an amount of \$13,875,721,000 (\$12,956,721,000) as the estimated fixed assets less disposal. Depreciation for 1988/89 is estimated at \$398,933,300 (\$354,181,000). When account is taken of estimated depreciation of \$3,000,000 on the items disposed off during the year, the total accumulated provision for depreciation on fixed assets is estimated at \$2,963,634,000 (\$2,567,701,000). The total accumulated provision for depreciation together with the balance of contributions received from consumers, (i.e. total contributions received less one fifteenth of the balance on the account brought into revenue annually) estimated at \$1,418,028,000 (\$1,350,144,000) deducted from the cost of fixed assets, thus leaves a balance of \$9,494,059,000 (\$9,038,876,000) as the estimated net book value of fixed assets. Included in the estimated net book value of fixed assets is an estimated amount of \$1,498,957,000 (\$2,498,324,000) as capital work-in-progress.

13.1 Investment

13.1.1 In Industries

The total investment in industries is \$4.991 million for both years representing \$0.585 million in Federal Power and Telecoms Sdn. Bhd. and \$4.406 million in Malaysian Transformer Manufacturing Sdn. Bhd.

13.2 Current Assets

13.2.1 Fuel

The Board's fuel holdings are estimated to amount to \$90,000,000.

13.2.2 Stores

The total value of stores held is estimated at \$260,000,000 for 1987/88 and \$250,000,000 for 1988/89.

13.2.3 Rechargeable work in Progress

Rechargeable work in progress is estimated to amount to \$19,878,000.

13.2.4 Debtors

This item comprises electricity, rechargeable and miscellaneous debtors and is estimated at \$480,000,000 (\$460,000,000) of which \$350,000,000 (\$340,000,000) represents the total amount owing by consumers (i.e. electricity debtors) which represented an average delay of 47 days in settling the electricity bills.

13.2.5 Staff Advances

Advances to staff are estimated at \$320,000,000 (\$295,000,000). This includes an amount of \$300,000,000 (\$280,000,000) in respect of advances for the purchase of houses under the Board's Assisted Home Ownership Scheme.

13.2.6 Payments in Advance

These payments which comprise of telephone rental, local Authority assessments, rent on buildings and miscellaneous deposits are estimated at \$4,000,000 (\$4,000,000).

...18/-

13.2.7 Cash at Banks and Short Term Deposit

The amount of \$248,343,000 (\$234,523,000) is made up of money invested in Time Deposit Accounts, Government registered stock and cash held in the main current accounts operated by the Board in Kuala Lumpur and in various other local banks as imprests.

13.2.8 Cash In Hand

This amount represents the total of station and department petty cash and postage accounts and is estimated at \$475,000 (\$470,000).

14. Current Liabilities

14.1 Creditors, accrued liabilities and short-term retentions on capital contracts

This item, which represents amounts owing by the Board to its suppliers, retention monies held by the Board, the deposit from other bodies, provision for taxation, provision for pension and gratuities, interest due on ordinary stock and accrued interest payable on various loans, is estimated at \$700,000,000 (\$750,000,000).

14.2 Consumers Deposits

Consumers Deposits are estimated at \$325,000,000 (\$295,000,000).

14.3 Bank Overdrafts and Short Term Loans

The Board has five overdraft facilities, one each with Chartered Bank, Kuala Lumpur, Chase Manhattan Bank, Kuala Lumpur, Bank Bumiputra Malaysia Bhd. Kuala Lumpur, Malayan Banking Berhad, Kuala Lumpur and United Asian Bank Berhad, Kuala Lumpur. The Board is not expected to utilise these facilities during 1988/89.

15. Financed by

15.1 Ordinary Stock

The amount of ordinary stock is estimated at \$902,700,000 (\$902,700,000).

15.2 Borrowings

The total borrowings are estimated at \$3,680,722,000 (\$3,702,628,000). Details of loans are as shown in the following schedule.

INTEREST PAYABLE ON BORROWINGS

<u>Loans (M\$ Million)</u>	<u>1987/88</u> \$000	<u>1988/89</u> \$000
1. Government Loans		
\$40.0 @ 5.00%	1,608	1,583
\$42.5 @ 6.00%	188	36
\$13.1 @ 7.50%	517	413
2. Government Loans through bi-lateral Financing		
\$ 14.7 @ 6.50% (British Special Aid Fund)	344	294
\$ 19.8 @ 5.50% (French Govt.) Rateau Schneider	388	287
\$ 13.3 @ 3.00% (CIDA) - Temengor	205	191
\$ 14.7 @ 3.00% (CIDA) - Bersia/Kenering	316	299
\$ 7.8 @ 5.50% (Yen Credit-Exim) PLA 2-4	252	176
\$ 88.9 @ 5.00% (Yen Credit-Exim) PLA 3-3	5,736	5,014
\$113.8 @ 3.25% (Yen Credit-OECF) - M.5	3,270	2,632
\$ 36.5 @ 3.25% (Yen Credit-OECF) - M.6	1,324	1,118
\$ 44.7 @ 3.25% (Yen Credit-OECF) - M.7	1,624	1,372
\$ 39.5 @ 3.25% (Yen Credit-OECF) - M.9	1,828	1,608
\$ 42.5 @ 4.00% (Yen Credit-OECF) MIV.1 - Gas Turbine	2,782	2,520
\$ 68.0 @ 4.00% (4th Yen Credit) MIV.2 - Pasir Gudang Power Stn.	4,446	4,028
\$ 22.2 @ 4.00% (4th Yen Credit) MIV.3 - Kenyir Hydro	1,522	1,384
\$ 19.8 @ 4.00% (5th Yen Credit) MV.1 - KL (North)/Kampong Awah	1,302	1,178
\$ 46.4 @ 4.00% (5th Yen Credit) MV.3 - Kenyir Hydro	3,228	2,904
\$ 54.4 @ 4.00% (5th Yen Credit) MV.4 - Kenering Hydro	4,228	3,892
\$ 30.4 @ 4.00% (5th Yen Credit) MV.5 - Kenyir Hydro	992	912
\$ 99.5 @ 4.00% (6th Yen Credit) -MVI.1 - Kenyir Hydro	7,814	7,330
\$ 35.8 @ 4.00% (6th Yen Credit) - MVI.3 - Bersia Hydro	2,662	2,496
\$152.4 @ 4.00% (7th Yen Credit) MVII.1 - S.S Abdul Aziz P.S I - Turbo Alternators	11,790	11,254
\$ 66.8 @ 4.00% (7th Yen Credit) MVII.2 S.S Abdul Aziz P.S I - Boilers	5,150	4,916

	1987/88	1988/89
	\$000	\$000
\$ 88.5 @ 4.00% (9th Yen Credit - MIX-I S.S. Abdul Aziz PS.II (OECF)	-	3,860
\$417.8 @ 5.75% (S.P.Yen Credit) - MSL- S.S. Abdul Aziz PS.II (OECF)	8,870*	7,722*
\$104.5 @ 8.00% (Yen Credit - EXIM) S.S. Abdul Aziz P.S.II	46,486*	51,852*
\$ 45.2 @ 5.00% Kuwait Fund for Arab Economic Development - Kenyir Hydro	-	7,240
\$112.3 @ 7.70% Asian Development Bank 372 - Kenyir Hydro	14,054*	14,478*
\$ @ 10.25% ADB 713 - Sg. Piah	2,585	2,359
\$ @ 7.65% Asian Development Bank - 795 MAL-Transmission System Improvement	9,422	8,874
\$ 75.9 @ 3.50% French Protocol Loan - S.S. Abdul Aziz P.S.I	1,152*	2,727*
\$309.7 @ 2.50% French Protocol Loan - Paka Power Station	263*	1,061*
\$ 3.2 @ 3.50% French Protocol Loan - Kg. Awah/Paka/Kenyir	978	978
\$ @ 2.50% French Protocol -K.L.(East)	3,067	3,363
\$ @ 7.00% French Protocol Loan- Six Substations	42	39
\$ 53.8 @ 10.60% French Banks - S.S. Abdul Aziz P.S.I	200	208
\$ 74.2 @ 10.60% French Banks - Paka Combined cycle Power Station	346*	433
\$ 2.4 @ 7.75% French Banks - Kg. Awah/Paka/Kenyir	6,826	6,828
\$ @ 7.25% French Banks - K.L.(East)	23,052	27,820
\$ @ 7.25% French Banks - SIA S/Station	133	112
	1,221	1,102
	1,438*	1,511
3. <u>Loans taken over from Penang Electricity</u>		
<u>Department</u>		
\$20.9 @ various rates	432	357
\$647,500 Penang Municipal Debenture @ 3.25%	21	2
4. <u>Commonwealth Development Corporation</u>		
\$26.5 @ 7.50% - Temengor Hydro	1,172	1,110
\$10.7 @ 8.75% - Temengor Hydro	622	592
\$35.1 @ 8.25% - Bersia/Kenering	1,843	1,753
5. <u>Employees Provident Fund Board</u>		
\$30.0 @ 8.00%	2,309	1,858
\$60.0 @ 8.25%	4,950	4,950
6. <u>Amanah Chase Merchant Bank Berhad</u>		
\$50.0 @ Average Rate of 8.00%	2,492	2,067
\$57.0 @ Average Rate of about 8.50%	4,313	3,906
\$85.0 @ 9.25%	7,725	7,451

	<u>1987/88</u>	<u>1988/89</u>
	\$000	\$000
7. World Bank (IBRD)		
Loan 350 MA \$156.5 @ 5.50%	430	-
Loan 579 MA \$ 25.0 @ 6.50%	270	46
Loan 700 MA \$ 49.5 @ 7.00%	1,012	556
Loan 1031 MA \$103.7 @ 7.25%	6,199	5,404
Loan 1178 MA \$ 71.6 @ 8.50%	6,314	5,744
Loan 1443 MA \$ 50.5 @ 8.20%	2,826	2,411
Loan 1808 MA \$123.7 @ 8.25%	9,786	8,789
Loan 2146 MA \$213.5 @ 11.60%	11,910*	9,304
Loan 2438 MA \$173.2 @ floating	8,933*	13,759*
Loan 2772 MA	1,837*	3,734*
8. Suppliers' Credits:		
<u>Bharat Heavy Electricals Limited, India;</u>		
\$ 32.2 @ 7.50% - Prai P.S. - Stage III	383	269
\$ 28.6 @ 5.00% - Sultan Iskandar - Stage I	329	238
<u>Teststeels Limited, India:</u>		
\$ 12.7 @ 7.75% - Transmission	535	460
\$ 10.8 @ 9.25% - Transmission Kenयर/Tanah Merah	579	457
<u>Mitsui & Co. Ltd:</u>		
\$98.6 S.S. Abdul Aziz P.S.I @ 7.75%	10,402	8,992
\$275.0 Paka - I @ 8.70%	27,904	24,592
S.S. Abdul Aziz P.S.II		
<u>Penta - C. Itoh:</u>		
\$ 65.2 - S.S. Abdul Aziz P.S.I @ 7.75%	5,546	4,222
\$ 24.3 - S.S. Abdul Aziz P.S.II @ 7.70%		650
	2,358*	1,300*
<u>Samsung & Co Ltd:</u>		
\$ 7.4 - Samsung & Co. @ 9.00% (LLN.550/82)	417	339
\$ 18.1 - Samsung & Co. @ 9.0% (LLN.516/83)	1,175	984
\$ 5.9 - Samsung & Co. @ 9.0% (LLN.314/83)	389	329
\$ - Samsung & co. @ 9.25 (LLN.219/86)	3,166*	2,064
<u>Other Supplier's Credit:</u>		
\$ 18.6 - Skandinaviska Enskilda Banken @ Floating Rate	327	153
\$ 3.2 - Lazard Brother @ 7.75%	66	36
\$123.3 - Kraftwerk Union of Germany @ 8.50%	8,986	8,198
Chase Manhatttan Asia Ltd @5%	710	808
Swedish Agency (BITS)	50	248

	<u>1987/88</u> \$000	<u>1988/89</u> \$000
\$ 6.3 - C. Itoh @ 7.50% Gong Badak		
\$ 7.1 - Kanematsu, Japan @ 7.75%	852	700
\$ 6.8 - Marubeni, Japan @ 9.00%	252	18
\$ 13.0 - Energoinvest, Yugoslavia @ 8.00%	656	540
9. Other Loans - Foreign:		
\$ 94.6 - Sumitomo Trust & Banking @ Floating Rate	10,882	9,258
\$ 86.3 - Sumitomo Bank @ Floating Rate - S.S. Abdul Aziz P.S.I & Kg. Awah/Paka/Kenyir	10,840	8,926
\$116.9 - Daichi Kanyo Bank @ Floating Rate	12,192	10,822
\$101.6 - Mitsubishi Trust & Banking Co. @ 8.40%	17,072	17,072
\$ Sanwa Bank Ltd. @ 7.50% Contract No.2111A	1,444*	1,616
\$ Gotabank @ Floating Rate Contract No.21111B	- 2,218*	2,357 786*
\$ Credit Commercial De France @ 6.88%	663	521
10. Other Loans - Local:		
\$ 30.0 - Aseambankers Malaysia Bhd. @ 9.25 %	928	-
\$ 30.0 - Pertanian Baring Sanwa @ Floating Rate		
\$ 27.0 - Rakyat First Merchant Bankers Bhd @ 9.25%	828	-
\$ 43.6 - Kedah Cement @ 7.75%	3,700	2,852
\$100.0 - Bumiputra (Merchant Bankers @ 9 1/4%	9,275	9,250
TOTAL INTEREST ON LOANS	394,171	419,180
ADD: INTEREST ON BANK OVERDRAFTS AND SHORT-TERMS LOANS	-	-
TOTAL INTEREST	394,171	419,180
LESS: INTEREST CAPATILISED (*)	104,475	97,419
TOTAL INTEREST CHARGED TO REVENUE	289,696	321,761
	=====	=====

SCHEDULE OF LOANS

LOAN	RATE OF INTEREST	ACTUAL AS AT 31.3.1987	DRAWINGS 1987/88	REPAYMENTS 1987/88	AMOUNT OWING AS AT 31.3.1988 REVISED	DRAWINGS 1988/89	REPAYMENTS 1988/89	AMOUNT OWING AS AT 31.3.1989 ESTIMATED	REPAYMENT PERIOD
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	%	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
1. GOVERNMENT OF MALAYSIA - \$40.0 MILLION	5.00	32,385	-	494	31,891	-	519	31,372	1955 - 2019
- \$38.0 MILLION - SULTAN YUSSUF P.S.	6.00	4,669	-	3,065	1,603	-	1,603	-	1964 - 1989
- \$13.9 MILLION - PRAI POWER STATION	7.50	7,693	-	1,325	6,368	-	1,424	4,944	1983 - 1992
2. GOVERNMENT LOANS THROUGH BI-LATERAL FINANCING:									
BRITISH SPECIAL AID FUNDS - TUANKU JAAFAR II	6.50	5,576	-	759	4,817	-	759	4,058	1977 - 1996
FRENCH GOVERNMENT LOAN - TUANKU JAAFAR III	5.50	7,952	-	1,845	6,107	-	1,845	4,262	1975 - 1996
CANADIAN INTERNATIONAL DEVELOPMENT AGENCY - TEMENGOR HYDRO	3.00	8,073	-	576	7,497	-	576	6,921	1978 - 2001
CANADIAN INTERNATIONAL DEVELOPMENT AGENCY - BERSIA & KENERING	3.00	12,108	-	638	11,470	-	638	10,832	1983 - 2006
2ND YEN CREDIT (EXIM BANK) - PLA 2 - 4 - SULTAN ISMAIL P.S.	5.50	2,701	-	900	1,801	-	500	1,201	1979 - 1991
3RD YEN CREDIT (EXIM BANK) - PLA 3 - 3 - PRAI POWER STATION	5.00	50,069	-	7,202	52,967	-	7,202	45,665	1984 - 1996
2ND YEN CREDIT (OECF) - M5 - TEMENGOR HYDRO STATION	3.25	61,258	-	17,505	43,753	-	3,752	35,011	1981 - 1993
2ND YEN CREDIT (OECF) - M6 - TEMENGOR HYDRO STATION	3.25	23,872	-	5,616	18,256	-	2,808	15,448	1982 - 1995
2ND YEN CREDIT (OECF) - M7 - TEMENGOR HYDRO STATION	3.25	29,228	-	6,877	22,351	-	3,438	18,913	1982 - 1995
3RD YEN CREDIT (OECF) - M9 - PRAI POWER STATION	3.25	31,936	-	6,084	25,852	-	3,042	22,810	1984 - 1997
4TH YEN CREDIT (OECF) - MIV - 1 GAS TURBINES SETS 5 X 20MW	4.00	35,999	-	3,272	32,717	-	3,272	29,445	1985 - 1998
4TH YEN CREDIT (OECF) - MIV - 2 - PASIR GUDANG POWER STATION	4.00	57,557	-	5,232	52,325	-	5,232	47,093	1985 - 1998
4TH YEN CREDIT (OECF) - MIV - 3 - KENYIR HYDRO POWER STATION	4.00	19,652	-	1,708	17,944	-	1,708	16,236	1986 - 1998
5TH YEN CREDIT (OECF) - MV - 1 - K.L. (NORTH)/KAMPONG AWAH	4.00	17,448	-	2,181	15,267	-	1,454	13,813	1986 - 1999
5TH YEN CREDIT (OECF) - MV - 3 - KENYIR HYDRO POWER STATION	4.00	43,455	-	5,718	37,737	-	3,812	33,925	1987 - 2000
5TH YEN CREDIT (OECF) - MV - 4 - KENERING HYDRO POWER STATION	4.00	54,398	-	4,186	50,212	-	4,186	46,026	1988 - 2000
5TH YEN CREDIT (OECF) - MV - 5 - KENYIR HYDRO POWER STATION	4.00	12,754	-	982	11,772	-	982	10,790	1988 - 2000
5TH YEN CREDIT (OECF) - MVI - 1 - KENYIR HYDRO POWER STATION	4.00	102,435	-	3,677	93,758	-	5,684	88,074	1987 - 2005
5TH YEN CREDIT (OECF) - MVI - 3 - BERSIA HYDRO POWER STATION	4.00	34,914	-	2,994	31,920	-	1,996	29,924	1987 - 2005
7TH YEN CREDIT (OECF) - MVII - I - S.S.ABDUL AZIZ P.S. I	4.00	147,861	-	4,103	143,758	-	3,214	135,539	1988 - 2006
7TH YEN CREDIT (OECF) - MVII - 2 - S.S. ABDUL AZIZ P.S. I	4.00	64,564	-	1,794	62,770	-	3,586	59,184	1988 - 2006
9TH YEN CREDIT (OECF) - MIX - I - S.S. ABDUL AZIZ P.S. II	4.00	75,529	56,180	-	131,709	17,432	-	149,141	1991 - 2009
SP. YEN CREDIT (OECF) MSL - S.S. ABDUL AZIZ P.S. II	5.75	255,289	289,132	-	544,471	55,808	-	500,279	1991 - 2009
EXIM BANK LOAN - S.S. ABDUL AZIZ P.S. II	8.00	59,353	41,309	-	110,667	32,744	-	143,411	1990 - 1999
KFAED NO. 153 - KENYIR HYDRO POWER STATION	5.50	43,933	-	7,882	36,051	-	3,152	32,899	1985 - 1999
ASIAN DEVELOPMENT BANK - 372 KENYIR HYDRO POWER STATION	7.70	36,150	-	4,788	31,362	-	4,932	76,380	1985 - 1999
ASIAN DEVELOPMENT BANK - 713 SG. PIAH	10.75	6,598	11,569	-	18,167	17,520	-	35,687	1988 - 2000
ASIAN DEVELOPMENT BANK - 505 MAL - MINI HYDRO	10.25	-	-	-	-	-	-	-	-
ASIAN DEVELOPMENT BANK - 795 MAL - TRANS.SYSTEM DEVELOPMENT	7.65	-	52	-	52	155	-	207	-
CARRIED FORWARD		1,415,414	398,292	106,409	1,707,297	123,659	31,466	1,749,490	

SCHEDULE OF LOANS

LOAN	RATE OF INTEREST	ACTUAL AS AT 31.8.1987	DRAWINGS 1987/88	REPAYMENTS 1987/88	AMOUNT OWING AS AT 31.3.1988 REVISED	DRAWINGS 1988/89	REPAYMENTS 1988/89	AMOUNT OWING AS AT 31.8.1989 ESTIMATED	REPAYMENT PERIOD
(1)	(2) %	(3) \$000	(4) \$000	(5) \$000	(6) \$000	(7) \$000	(8) \$000	(9) \$000	(10)
Brought Forward		1,415,414	398,292	106,409	1,707,297	123,659	81,466	1,749,490	
FRENCH PROTOCOL LOAN - S.S. ABDUL AZIZ P.S. I (Cont. 31/78/18)	3.25	21,469	-	-	21,469	-	-	21,469	1993 - 2008
FRENCH PROTOCOL LOAN - KG. AWAH/PAKA/KENYIR TRANSMISSION LINES	3.50	988	-	90	898	-	90	808	1985 - 1998
FRENCH PROTOCOL LOAN - PAKA POWER STATION - PHASE I	2.50	91,050	7,896	-	98,946	5,088	-	105,034	1997 - 2013
FRENCH PROTOCOL LOAN - K.L. (EAST) SUB-STATION	2.50	5,784	585	-	6,369	-	-	6,369	1995 - 2010
FRENCH PROTOCOL LOAN - SIX SUBSTATION CONT. 595/85	2.50	8,204	4,412	-	12,616	829	-	13,445	
FRENCH BANKS - S.S. ABDUL AZIZ P.S. I	10.00	49,521	31	-	49,552	-	-	49,552	1993 - 2008
FRENCH BANKS - PAKA I	10.60	160,263	22,623	-	182,886	25,344	-	208,230	1997 - 2013
FRENCH BANKS - KG. AWAH/PAKA/KENYIR TRANSMISSION LINES	7.75	1,463	-	226	1,237	-	226	1,011	1984 - 1994
FRENCH BANKS - K.L. (EAST) SUB-STATION	7.25	13,204	2,069	2,856	12,417	-	1,904	10,513	1987 - 1997
FRENCH BANKS - 6 SUBSTATION PROJECT CHF 12,425,707	7.50	11,263	9,103	727	19,639	2,350	-	21,989	1987 - 1997
3. LOANS TAKEN OVER FROM PENANG ELECTRICITY SUPPLY DEPARTMENT	Various	9,463	-	1,405	3,058	-	2,125	5,932	1976 - 1998
4. COMMONWEALTH DEVELOPMENT CORP:-									
£ 5.0 MILLION - TEMENGOR HYDRO POWER STATION	7.50	21,228	-	1,061	20,167	-	1,061	19,106	1980 - 1997
£ 2.5 MILLION - TEMENGOR HYDRO POWER STATION	8.75	9,607	-	427	9,180	-	427	8,753	1982 - 2001
£ 6.8 MILLION - BERSIA/KENERING HYDRO POWER STATION	8.25	29,169	-	1,406	27,763	-	1,406	26,357	1983 - 1999
5. EMPLOYEES PROVIDENT FUND - \$ 30 MILLION	8.00	30,000	-	3,000	27,000	-	5,000	21,000	1988 - 1992
- \$ 60 MILLION	8.25	50,000	-	-	50,000	-	-	60,000	1991 - 1995
6. AMANAH CHASE MERCHANT BANK BERHAD - \$50 MILLION	Various	32,750	-	2,500	30,250	-	5,250	24,000	1981 - 1993
- \$57 MILLION	Various	50,050	-	-	50,050	-	5,000	44,050	1981 - 1985
- \$85 MILLION	9.25	83,400	-	4,750	78,650	-	-	78,650	1981 - 1993
7. INTERNATIONAL BANK FOR RECONSTRUCTION & DEVELOPMENT									
2ND IBRD LOAN 350 MA	5.50	12,300	-	12,300	-	-	-	-	1968 - 1988
4TH IBRD LOAN 579 MA	6.50	3,629	-	2,378	1,251	-	1,251	-	1973 - 1988
5TH IBRD LOAN 700 MA	7.00	12,008	-	4,528	7,480	-	4,837	2,593	1975 - 1990
6TH IBRD LOAN 1031 MA	7.25	50,445	-	6,808	53,637	-	7,397	46,240	1979 - 1994
7TH IBRD LOAN 1178 MA	8.50	50,471	-	4,295	46,175	-	4,611	41,564	1981 - 1995
8TH IBRD LOAN 1443 MA	8.20	24,713	-	3,282	21,431	-	3,342	18,089	1981 - 1994
9TH IBRD LOAN 1808 MA	8.25	81,025	-	7,964	73,061	-	7,954	55,097	1984 - 1997
10TH IBRD LOAN 2146 MA	11.60	50,843	6,329	6,196	50,976	5,353	5,196	50,138	1986 - 1997
11TH IBRD LOAN 2438 MA	floating	22,039	86,018	14,768	93,289	40,633	14,768	119,209	1988 - 1999
12TH IBRD LOAN 2772	8.22	-	19,412	-	19,412	25,488	-	44,900	1990 - 2002
CARRIED FORWARD		2,421,763	556,770	187,377	2,791,156	229,804	157,372	2,863,588	

SCHEDULE OF LOANS

LOAN	RATE OF INTEREST	ACTUAL AS AT 31.8.1987	DRAWINGS 1987/88	REPAYMENTS 1987/88	AMOUNT OWING AS AT 31.8.1988 REVISED	DRAWINGS 1988/89	REPAYMENTS 1988/89	AMOUNT OWING AS AT 31.8.1989 ESTIMATED	REPAYMENT PERIOD
(1)	(2) %	(3) \$000	(4) \$000	(5) \$000	(6) \$000	(7) \$000	(8) \$000	(9) \$000	(10)
Brought Forward		2,421,763	556,770	187,377	2,791,156	229,804	157,372	2,863,588	
8. SUPPLIERS' CREDITS:									
BHARAT HEAVY ELECTRICALS LIMITED INDIA:									
PRAI POWER P.S. - STAGE III	7.50	8,184	-	2,048	6,136	-	2,048	4,088	1979 - 1990
PASIR GUDANG - STAGE I	5.00	9,820	-	2,456	7,364	-	2,456	4,908	1981 - 1991
SG. PIAH - (\$ 30.5 million)	8.50	-	-	-	-	-	-	-	1990 - 1999
TESTEELS LIMITED, INDIA:									
\$12,606,000 - 275/132KV TRANSMISSION LINES	7.75	8,077	-	1,076	7,001	-	1,076	5,925	1984 - 1994
\$10,830,000 - 275KV KENYIR - TANAH MERAH TRANSMISSION LINE	9.25	7,245	-	806	6,439	-	806	5,633	1986 - 1996
MITSUI & CO. Ltd:									
SULTAN SALAHUDDIN ABDUL AZIZ POWER STATION I	7.75	70,599	-	9,176	61,423	-	9,100	52,323	1985 - 1994
PAKA POWER STATION - PHASE I	8.70	167,738	645	19,443	148,940	-	19,116	129,824	1986 - 1995
SAMSUNG & Co. Ltd:									
ALOR STAR/K.PERLIS/P.LANGKAWI TRANSMISSION LINES	9.00	4,524	-	768	3,756	-	768	2,988	1984 - 1993
KUALA LUMPUR UNDERGROUND CABLE NETWORK LLN 516/83	9.00	12,061	-	1,856	10,205	-	1,856	8,349	
KENYIR/KTR/GONG BADAQ/T.MERAH/K.KRAI TRANSMISSION LINES-LLN 314/82									
TRANS. .DEVELOPMENT (CONT.NO.219/86)	9.00	3,982	-	612	3,370	-	612	2,758	1985 - 1994
	9.25	16,692	476	-	17,168	-	-	17,168	1991 - 2000
PENTA - C. ITOH, JAPAN:									
SULTAN SALAHUDDIN ABDUL AZIZ POWER STATION I	7.75	38,461	-	8,546	29,915	-	8,546	21,369	1985 - 1991
SULTAN SALAHUDDIN ABDUL AZIZ POWER STATION II	7.70	16,984	-	2,670	14,314	-	2,644	11,670	1988 - 1994
SKANDINAVISKA ENSKILDA BANKEN - KL (N) KG. AWAH/PRAI 3/GEAR									
LAZARD BROTHERS & Co. Ltd - do - 275KV TRANSMISSION	floating	6,648	-	2,660	3,988	-	2,660	1,328	1983 - 1989
KRAFTWERK UNION OF GERMANY - CBPS GAS TURBINES	7.75	1,001	-	400	601	-	400	201	1982 - 1989
KANEMATSU, - GOSHO Ltd - SULTAN SALAHUDDIN ABDUL AZIZ P.S. I	8.50	84,550	1,113	9,178	76,485	-	6,118	70,367	1985 - 1994
MARUBENI CORPORATION - SULTAN SALAHUDDIN ABDUL AZIZ P.S. I	7.75	5,866	-	978	4,888	-	978	3,910	1985 - 1992
ENERGOINVEST, YUGOSLAVIA - P.KLANG/SHAH ALAM/BANTING TRANS. LINE	9.00	2,411	-	1,608	803	-	803	-	1985 - 1992
	8.00	7,813	-	1,302	6,511	-	1,302	5,209	1984 - 1993
		2,894,419	559,004	252,960	3,200,463	229,804	218,661	3,211,606	

SCHEDULE OF LOANS

LOAN	RATE OF INTEREST	ACTUAL AS AT 31.8.1987	DRAWINGS 1987/88	REPAYMENTS 1987/88	AMOUNT OWING AS AT 31.8.1988 REVISED	DRAWINGS 1988/89	REPAYMENTS 1988/89	AMOUNT OWING AS AT 31.8.1989 ESTIMATED	REPAYMENT PERIOD
(1)	(2) %	(3) \$000	(4) \$000	(5) \$000	(6) \$000	(7) \$000	(8) \$000	(9) \$000	(10)
Brought Forward		2,894,419	559,004	252,960	3,200,463	229,804	218,661	3,211,606	
9. OTHER LOANS - FOREIGN:									
FRENCH BANKS - TUANKU JAAFAR III	7.05	-	-	-	-	-	-	-	1976 - 1987
SUMITOMO TRUST & BANKING - BERSIA/KENERING	floating	88,389	-	12,492	75,897	-	12,492	63,405	1987 - 1994
SUMITOMO BANK - S.S. ABDUL AZIZ P.S. I & TRANSMISSION LINES	"	86,324	-	7,848	78,476	-	15,696	62,780	1988 - 1993
DAICHI KANGYO BANK Ltd: S.S. ABDUL AZIZ P.S.I & PAKA P.S. I	"	108,864	-	-	108,864	-	19,596	89,268	1988 - 1993
MITSUBISHI TRUST & BANKING CO. JAPANESE BOND	8.40	101,600	-	-	101,600	-	-	101,600	1989 - 1993
SANWA BANK LTD. - CONTRACT NO.21111A	5.60	10,774	3,714	-	14,488	-	-	14,488	- -
GOTABANK -TRANS DEV. (29.0 MILLION SF) CONTRACT NO.21111B	floating	16,002	27,583	-	43,585	6,290	-	49,875	
CHASE BANK CONT. NO. 21111C D. MARK (20 MILLION)	floating	-	16,223	-	16,223	-	-	16,223	1992 - 2002
CREDIT COMMERCIAL DE FRANCE - LLN/PUB INTERCONNECTION	6.88	8,028	-	1,606	6,422	-	1,606	4,816	- -
INTERNATIONAL TECH. & ECONOMIC COOPERATION (BITS) SWEDISH AGENCY	2.4	-	10,296	-	10,296	-	-	10,296	1989 - 1995
10. OTHER LOANS - LOCAL									
ASEAMBANKERS MALAYSIA \$ 30,000,000	9.25	30,000	-	30,000	-	-	-	-	1980 - 1985
RAKYAT FIRST MERCHANT BANKERS \$ 27,000,000	9.25	27,000	-	27,000	-	-	-	-	PREPAID
KEDAH CEMENT SDN. BHD PULAU LANGKAWI	7.75	27,273	-	5,454	21,819	-	5,454	16,365	1984 -1992
BUMIPUTRA MERCHANT BANKERS	9.25	100,000	-	-	100,000	-	-	100,000	1991 - 2001
TOTAL		3,498,673	616,820	337,360	3,778,133	236,094	273,505	3,740,722	

/GM

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

APPENDIX A

BUDGET 1988/89 - REVENUE ACCOUNT

	Year ended 31st August 1987		Year ending 31st August 1988		Year ending 31st August 1989	
	Actual	Per unit sold	Revised	Per unit sold	Estimated	Per unit Sold
	(1) \$	(2) cents	(3) \$	(4) cents	(5) \$	(6) cents
Income from sales of electricity	2,343,156,000	18.83	2,527,754,500	18.51	2,704,939,600	18.44
Other Income	200,314,000	1.61	189,192,700	1.38	175,523,800	1.20
	2,543,470,000	20.44	2,716,947,200	19.89	2,880,463,400	19.64
Less operating expenses						
Generation	897,447,000	7.21	937,715,400	6.87	1,121,053,200	7.65
Electricity purchased in Bulk	127,000	9.08	233,300	7.29	243,000	7.36
	897,574,000	7.22	937,948,700	6.87	1,121,296,200	7.65
Transmission	78,270,000	0.63	86,525,900	0.63	74,989,000	0.51
Distribution	216,640,000	1.74	235,419,200	1.72	247,682,500	1.69
Consumers' service	17,689,000	0.14	17,715,400	0.13	17,714,800	0.12
Meter reading billing & collection of accounts	43,862,000	0.35	43,418,700	0.32	44,129,000	0.30
Training and Welfare	26,255,000	0.21	26,157,300	0.19	31,096,500	0.21
Administration	29,783,000	0.24	33,000,900	0.24	42,695,500	0.29
General expenses	67,183,000	0.54	55,994,300	0.41	66,528,200	0.45
Provision for Unrealised foreign exchange losses	195,508,000	1.57	198,000,000	1.45	200,000,000	1.36
	1,572,764,000	12.64	1,634,180,400	11.96	1,846,131,700	12.59
Operating surplus	970,706,000	7.80	1,082,766,800	7.93	1,034,331,700	7.05
Less: Interest payable on Borrowings	247,961,000	1.99	289,696,000	2.12	321,761,000	2.19
Bank Overdrafts	-	-	-	-	-	-
Corporate Tax	260,704,000	2.10	134,300,000	0.98	49,000,000	0.33
	508,665,000	4.09	423,996,000	3.10	370,761,000	2.52
Net Revenue	462,041,000	3.71	658,770,800	4.83	663,570,700	4.53

BUDGET 1988/89 - REVENUE ACCOUNT

	Year ended 31st August 1987		Year ending 31st August 1988		Year ending 31st August 1989	
	Actual	Per unit sold	Revised	Per unit sold	Estimated	Per unit Sold
	(1) \$	(2) cents	(3) \$	(4) cents	(5) \$	(6) cents
Net Revenue Brought Forward	462,041,000	3.71	658,770,800	4.83	663,570,700	4.53
Less: Interest payable on ordinary stock	-	-	27,081,000	0.20	27,081,000	0.19
	462,041,000	3.71	631,689,800	4.63	636,489,700	4.34
Add: Dividend received from investments in industries	164,000	-	164,000	-	164,000	-
Surplus-used to finance capital requirements	462,205,000	3.71	631,853,800	4.63	636,653,700	4.34
Transferred to Capital development account	462,205,000	3.71	618,978,300	4.53	618,935,200	4.22
General reserve	-	-	12,875,500	0.10	17,718,500	0.12
	462,205,000	3.71	631,853,800	4.63	636,653,700	4.34

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

APPENDIX B

BUDGET 1988/89 SALES OF ELECTRICITY

Category	Year ended 31st August 1987 (Actual)			Year ended 31st August 1988 (Original Estimate)			Year ended 31st August 1988 (Revised)			Year ended 31st August 1989 (Estimated)			Percentage Increase			
	Units	Value	Per Unit sold	Units	Value	Per Unit Sold	Units	Value	Per Unit sold	Units	Value	Per Unit Sold	1987/88 over 1986/87		1988/89 over 1987/88	
	(1) 000s	(2) \$	(3) Cents	(4) 000s	(5) \$	(6) Cents	(7) 000s	(8) \$	(9) Cents	(10) 000s	(11) \$	(12) Cents	(13) %	(14) %	(15) %	(16) %
DOMESTIC CONSUMERS	2,673,703	571,642,000	21.38	2,800,242	597,500,500	21.34	2,857,838	609,053,800	21.31	3,050,071	649,350,400	21.29	6.9	6.5	6.7	6.6
COMMERCIAL CONSUMERS																
Low Voltage General	3,075,348	735,494,000	23.92	3,230,524	773,111,900	23.93	3,264,656	780,431,000	23.91	3,442,407	822,935,600	23.91	6.2	6.1	5.4	5.4
Medium Voltage General	766,865	174,635,000	22.77	830,235	190,843,200	22.99	857,729	191,316,600	22.31	912,611	203,849,700	22.34	11.8	9.6	6.4	6.6
Medium Voltage Peak/off. Peak	266,747	45,839,000	17.19	294,850	48,000,100	16.28	307,236	53,732,500	17.49	329,432	57,471,100	17.45	15.2	17.2	7.2	7.0
	4,108,960	955,968,000	23.26	4,355,609	1,011,955,200	23.23	4,429,621	1,025,480,100	23.15	4,684,450	1,084,256,400	23.15	7.8	7.3	5.8	5.7
INDUSTRIAL CONSUMERS																
Low Voltage General	1,553,121	267,818,000	17.24	1,678,433	290,363,800	17.30	1,750,087	294,803,400	16.85	1,915,329	322,528,700	16.85	12.7	10.1	9.4	9.4
Medium Voltage General	411,480	68,091,000	16.55	429,954	71,812,700	16.70	437,560	68,330,100	15.62	485,609	76,328,100	15.72	6.3	0.4	11.0	11.7
Medium Voltage Peak/Off Peak	2,553,028	331,070,000	12.97	2,616,900	338,583,300	12.94	2,974,466	383,553,400	12.90	3,184,328	410,713,300	12.90	16.5	15.9	7.1	7.1
High Voltage Peak/Off Peak	628,169	74,557,000	11.87	715,000	81,188,900	11.36	668,418	69,683,400	10.43	737,401	75,823,800	10.28	6.4	(6.5)	10.3	8.8
Bulk Supply to EGAT	50,489	4,695,000	9.29	40,000	4,326,600	10.82	37,241	4,111,400	11.04	45,450	5,017,700	11.04	(26.2)	(12.4)	22.0	22.0
	5,196,287	746,231,000	14.36	5,480,287	786,275,300	14.35	5,867,772	820,481,700	13.98	6,368,117	890,511,600	13.98	12.9	10.0	8.5	8.5
MINING CONSUMERS																
Low Voltage General	62,857	9,175,000	14.60	61,271	9,134,100	14.91	61,082	8,808,300	14.42	71,844	10,371,100	14.44	(2.8)	(4.0)	17.6	17.7
Medium Voltage General	7,079	1,073,000	15.16	5,406	862,600	15.96	5,678	1,000,900	17.63	5,808	1,023,400	17.62	(19.8)	(6.7)	3.2	2.2
Medium Voltage Peak/Off Peak	273,629	32,505,000	11.88	279,250	32,986,900	11.81	313,726	36,453,900	11.62	360,772	41,969,900	11.63	14.7	12.1	15.0	15.1
	343,565	42,753,000	12.44	345,927	42,983,600	12.43	380,486	46,263,100	12.16	438,424	53,364,400	12.17	10.7	8.2	15.2	15.3
PUBLIC LIGHTING CONSUMERS	115,505	26,562,000	22.99	124,394	28,315,000	22.76	121,460	26,475,800	21.80	125,911	27,456,800	21.81	5.2	(0.3)	3.7	3.7
TOTAL SALES OF ELECTRICITY	12,438,020	2,343,156,000	18.83	13,106,459	2,467,029,600	18.82	13,657,177	2,527,754,500	18.51	14,666,973	2,704,939,600	18.44	9.8	7.9	7.4	7.0

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1988/89 - OTHER INCOME

	Year ended 31st August 1987		Year ended 31st August 1988		Year ending 31st August 1988		Year ending 31st August 1989	
	Actual	Per unit sold	Original Estimate	Per unit sold	Revised	Per unit sold	Estimated	Per unit sold
	(1) \$	(2) cents	(3) \$	(4) cents	(5) \$	(6) cents	(7) \$	(8) cents
<u>TRADING PROFITS</u>								
Rechargeable work	6,654,000	0.05	3,136,300	0.03	5,686,400	0.04	6,600,500	0.05
Hire of apparatus	518,000	0.01	365,900	0.00	298,000	0.00	274,000	0.00
	7,172,000	0.06	3,502,200	0.03	5,984,400	0.04	6,874,500	0.05
<u>MISCELLANEOUS INCOME</u>								
Transfer from consumers' contribution a/c	118,418,000	0.95	113,000,000	0.86	132,116,200	0.97	132,116,200	0.90
Sundry receipts including interest receivable	39,699,000	0.32	35,973,600	0.27	35,592,100	0.26	36,533,100	0.25
Foreign Exchange Profit/(Loss)	35,025,000	0.28	(95,000,000)	(0.72)	15,500,000	0.11	-	-
	193,142,000	1.55	53,973,600	0.41	183,208,300	1.34	168,649,300	1.15
<u>OTHER INCOME CARRIED TO REVENUE ACCOUNT</u>	200,314,000	1.61	57,475,800	0.44	189,192,700	1.38	175,523,800	1.20

BUDGET 1988/89 - SUMMARY OF OPERATING EXPENDITURE

	1985/87		1987/88				1988/89		Increase 1988/89 over	
	Actual		Original		Revised		(Estimated)		1987/88 Col. (7) Less Col. (5)	
	\$	Cents per unit sold	\$	Cents per unit sold	\$	Cents per unit sold	\$	Cents per unit sold	\$	%
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
GENERATION										
Salaries and wages - operation	31,670,000	0.25	29,094,100	0.22	29,917,700	0.22	29,267,400	0.20	(650,300)	(2.17)
Fuel	650,294,000	5.23	358,396,400	5.55	675,185,400	4.94	321,467,500	5.60	146,282,100	21.67
Oil, water and engine room stores	2,886,000	0.02	2,986,000	0.02	2,850,200	0.02	5,301,800	0.04	2,451,600	86.02
Transport and travelling	3,913,000	0.03	3,193,800	0.03	3,429,700	0.03	3,372,200	0.02	(57,500)	(1.68)
Repairs and maintenance	42,555,000	0.34	56,025,300	0.43	64,625,100	0.47	51,153,900	0.35	(13,471,200)	(20.85)
Depreciation	166,129,000	1.34	158,707,300	1.21	161,707,300	1.18	210,490,400	1.43	48,783,100	30.17
	897,447,000	7.21	1,108,397,900	3.46	937,715,400	6.87	1,121,053,200	7.64	183,337,800	19.55
ELECTRICITY PURCHASED IN BULK										
	127,000	9.08	164,000	6.96	233,300	7.29	243,000	7.36	9,700	3.99
	897,574,000	7.22	1,108,561,900	3.45	937,948,700	6.87	1,121,296,200	7.64	183,347,500	19.55
TRANSMISSION										
Salaries and wages - operation	3,302,000	0.07	8,412,100	0.06	3,813,400	0.06	8,753,100	0.05	(65,300)	(0.74)
Transport and travelling	3,927,000	0.03	4,243,500	0.03	4,130,200	0.03	4,295,300	0.03	165,100	4.00
Repairs and maintenance	11,406,000	0.09	10,526,800	0.08	13,777,300	0.10	14,245,900	0.10	468,600	3.40
Depreciation	54,635,000	0.44	59,800,000	0.46	59,800,000	0.44	47,694,700	0.32	(12,105,300)	(20.24)
	78,270,000	0.63	82,932,400	0.63	86,525,900	0.63	74,989,000	0.51	(11,536,900)	(13.33)
DISTRIBUTION										
Salaries and wages - operation	20,298,000	0.16	19,100,900	0.15	21,588,800	0.16	22,253,700	0.15	664,900	3.08
Repairs and maintenance	77,301,000	0.62	68,734,500	0.52	74,957,500	0.55	75,679,600	0.52	722,100	0.96
Transport and Travelling	24,498,000	0.20	23,582,800	0.18	25,108,400	0.18	26,413,000	0.18	1,304,600	5.20
Public Lighting - repairs and renewals	4,515,000	0.04	3,994,000	0.03	4,373,700	0.03	4,350,100	0.03	(23,600)	(0.54)
Depreciation	90,028,000	0.72	109,390,800	0.84	109,390,800	0.80	118,986,100	0.80	9,595,300	8.77
	216,640,000	1.74	224,803,000	1.72	235,419,200	1.72	247,682,500	1.69	12,263,300	5.21
CONSUMERS SERVICE										
Salaries and wages	3,157,000	0.03	2,888,600	0.02	3,255,900	0.02	3,117,900	0.02	(138,000)	(4.24)
Connection and testing expenses	9,053,000	0.07	7,373,400	0.06	8,641,300	0.06	8,634,700	0.06	(6,600)	(0.08)
Transport and travelling	5,423,000	0.04	5,178,100	0.04	5,742,000	0.04	5,905,500	0.04	163,500	2.85
Publicity, exhibitions etc.	56,000	-	37,200	-	76,200	-	56,700	-	(19,500)	(25.59)
	17,689,000	0.14	15,477,300	0.12	17,715,400	0.12	17,714,800	0.12	(600)	-

BUDGET 1988/89 - SUMMARY OF OPERATING EXPENDITURE

	1986/87 Actual		1987/88				1988/89 (Estimated)		Increase 1988/89 over 1987/88 Col. (7) Less Col. (5)	
	\$	Cents per unit sold	Original		Revised		\$	Cents per unit sold	\$	%
			\$	Cents per unit sold	\$	Cents per unit sold				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<u>METER READING, BILLING AND COLLECTION OF ACCOUNTS</u>										
Salaries and wages	35,184,000	0.28	31,913,500	0.24	34,699,200	0.25	35,276,400	0.24	577,200	1.66
Commission for collecting electricity accounts	5,020,000	0.04	4,915,300	0.04	5,205,800	0.04	5,308,600	0.04	101,300	1.96
Transport and travelling	3,658,000	0.03	2,660,400	0.02	3,512,700	0.03	3,544,000	0.02	31,300	0.89
	43,862,000	0.35	39,489,200	0.30	43,418,700	0.32	44,129,000	0.30	710,300	1.64
<u>TRAINING AND WELFARE</u>										
Salaries and Wages	1,202,000	0.01	1,059,000	0.01	1,061,300	0.01	1,090,500	0.01	29,200	2.75
Welfare Expenses	3,116,000	0.03	2,459,600	0.02	3,778,000	0.03	3,922,500	0.03	144,500	3.83
Transport and Travelling	511,000	-	647,900	-	370,200	-	382,000	-	11,300	3.19
Training Expenses	17,074,000	0.14	19,215,000	0.15	16,290,000	0.12	20,150,000	0.13	3,860,000	23.70
Bangi Training Centre	4,352,000	0.03	4,578,700	0.03	4,657,800	0.03	5,551,400	0.04	393,600	19.19
	26,255,000	0.21	27,960,200	0.21	26,157,300	0.19	31,096,500	0.21	4,939,200	18.93
<u>ADMINISTRATION</u>										
Salaries, Wages and Allowances:										
Management	4,471,000	0.04	4,495,700	0.04	4,709,700	0.03	4,921,700	0.03	212,000	4.50
Accounting	6,044,000	0.05	6,336,800	0.05	6,376,100	0.05	6,557,400	0.04	181,300	2.84
Board Admin: Internal Audit	1,177,000	0.01	1,251,000	0.01	3,844,100	0.03	4,015,400	0.03	171,300	4.46
Secretarial and General	3,803,000	0.03	3,853,800	0.03	2,044,000	0.02	2,193,000	0.02	149,000	7.29
Security Service	11,404,000	0.09	11,899,000	0.09	11,375,000	0.08	14,605,000	0.10	3,230,000	28.40
Transport and Travelling	1,981,000	0.02	1,889,300	0.01	1,246,000	0.01	1,323,000	0.01	77,000	5.13
Research and Development	903,000	-	3,940,700	0.03	3,406,000	0.02	9,030,000	0.06	5,674,000	155.59
	29,783,000	0.24	33,666,800	0.26	33,000,900	0.24	42,695,500	0.29	9,694,600	29.38

/RG

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

APPENDIX D
Page 3

BUDGET 1988/89 - SUMMARY OF OPERATING EXPENDITURE

	1986/87 Actual		1987/83				1988/89 (Estimated)		Increase 1988/89 over 1987/88 Col. (7) Less Col. (5)	
	\$	Cents per unit sold	Original		Revised		\$	Cents per unit sold	\$	%
			\$	Cents per unit sold	\$	Cents per unit sold				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
GENERAL EXPENSES										
Consultants Fees and Allowances	1,949,000	0.02	7,025,000	0.06	2,235,500	0.02	12,583,000	0.09	10,347,500	462.87
Computer and Software Rental and Lease	3,406,000	0.03	4,050,000	0.03	4,172,000	0.03	6,128,000	0.04	1,956,000	46.88
Stationery and Printing	3,661,000	0.03	2,970,800	0.02	3,163,600	0.02	3,171,100	0.02	7,500	0.24
Computer Printing & Stationery	70,000	-	140,500	-	223,500	-	304,500	-	81,000	36.24
Postage Telephone and Telegrams	4,060,000	0.03	3,660,000	0.03	4,271,100	0.03	4,378,800	0.03	107,700	2.52
Repairs and Maintenance	9,399,000	0.08	8,969,000	0.07	9,893,500	0.07	9,474,700	0.06	(418,800)	(4.23)
Audit Fees	189,000	-	250,000	-	142,000	-	142,000	-	-	-
Beautification Expenses	31,000	-	50,000	-	30,000	-	30,000	-	-	-
Rents Rates Local Taxes etc.	2,285,000	0.02	2,118,400	0.02	4,246,600	0.03	2,461,700	0.02	(1,784,900)	(42.03)
Insurances	10,717,000	0.08	11,523,900	0.09	12,334,200	0.09	13,086,800	0.09	752,600	6.10
Advertising and Publicity	1,291,000	0.01	1,211,700	0.01	1,354,900	0.01	2,080,000	0.01	725,100	53.52
Legal Expenses	369,000	-	500,000	-	580,000	-	350,000	-	(230,000)	(39.66)
Board's Anniversary Expenses	178,000	-	145,000	-	200,000	-	200,000	-	-	-
Subscriptions and Donations	58,000	-	50,000	-	60,000	-	60,000	-	-	-
Outfit Allowances Uniforms etc.	2,679,000	0.02	2,761,300	0.02	2,522,700	0.02	2,616,400	0.02	93,700	3.71
Overseas Conferences	95,000	-	130,000	-	50,000	-	50,000	-	-	-
Miscellaneous Expenses	775,000	0.01	789,100	0.01	924,700	0.01	949,700	0.01	25,000	2.70
Library Expenses	113,000	-	120,000	-	120,000	-	130,000	-	10,000	8.33
Entertainment Expenses	149,000	-	161,400	-	188,800	-	190,100	-	1,300	0.69
Depreciation	9,192,000	0.07	10,451,100	0.08	10,451,100	0.08	9,543,700	0.07	(907,400)	(8.68)
Environment Monitoring	-	-	250,000	-	-	-	-	-	-	-
Ex-Gratia for use of PRM Assets	-	-	-	-	1,300,000	0.01	-	-	(1,300,000)	-
Provisions For Bad and Doubtful Debts	18,560,000	0.15	700,000	0.01	700,000	0.01	700,000	0.01	-	-
Deterioration and Loss of Stores	747,000	0.01	150,000	-	150,000	-	180,000	-	30,000	20.00
Loss (Profit) on Assets Dismantled	(424,000)	-	(2,151,000)	(0.02)	(2,141,000)	(0.01)	(2,140,500)	(0.01)	500	0.02
Mini Hydro Research and Development Expenses	7,000	-	20,000	-	10,000	-	60,000	-	50,000	500.00
Mini Hydro Preliminary Investigation	-	-	-	-	15,000	-	25,000	-	10,000	66.67
Investigation of Potential Hydro Electric Scheme	-	-	1,790,000	0.01	-	-	1,186,000	0.01	1,186,000	-
Arrears of Pay	2,000	-	-	-	-	-	-	-	-	-
Profit/Loss on Exchange	(1,451,000)	(0.01)	-	-	-	-	-	-	-	-
	68,107,000	0.55	57,836,200	0.44	57,198,200	0.42	67,941,000	0.46	10,742,800	18.78
Less Amount Apportioned to Rechargeable Work	924,000	0.01	1,093,200	0.01	1,203,900	0.01	1,412,800	0.01	208,900	17.35
	67,183,000	0.54	56,743,000	0.43	55,994,300	0.41	66,528,200	0.45	10,553,900	18.81
Provision for Unrealised Foreign Exchange Losses	195,508,000	1.57	105,000,000	0.80	198,000,000	1.45	200,000,000	1.36	2,000,000	1.01
Total Operating Expenses	1,572,764,000	12.64	1,694,633,800	12.93	1,634,180,400	11.97	1,846,131,700	12.59	211,951,300	12.97

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

APPENDIX E

BUDGET 1988/89 - GENERATION COSTS UNDER TYPES OF POWER STATIONS

	1986/87		1987/88				1988/89		Increase 1988/89 over	
	Actual		Original		Revised		(Estimated)		1987/88 Col. (7) Less Col. (5)	
	\$	Cents per unit sold	\$	%						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<u>DIESEL POWER STATIONS</u>										
Salaries and Wages	6,086,000	8.39	5,493,900	6.16	5,207,900	5.47	4,334,100	4.88	(873,800)	(16.78)
Fuel	17,578,000	24.22	17,364,000	19.48	17,702,200	18.59	18,108,000	20.39	405,800	2.29
Oil, water and engine room stores	836,000	1.15	671,900	0.75	700,000	0.73	674,900	0.76	(25,100)	(3.59)
Transport and Travelling	1,155,000	1.59	749,200	0.84	730,400	0.77	700,200	0.79	(30,200)	(4.13)
Repairs and Maintenance	4,388,000	6.05	3,230,100	3.62	3,631,600	3.81	3,518,500	3.96	(113,100)	(3.11)
Depreciation	4,936,000	6.80	5,619,600	6.31	5,619,600	5.90	4,604,400	5.18	(1,015,200)	(18.07)
TOTAL	34,979,000	48.20	33,128,700	37.16	33,591,700	35.27	31,940,100	35.96	(1,651,600)	(4.92)
<u>STEAM POWER STATIONS</u>										
Salaries and Wages	16,995,000	0.25	14,773,700	0.24	15,908,300	0.26	15,716,100	0.22	(192,200)	(1.21)
Fuel/Coal	488,006,000	7.22	604,056,100	9.65	457,647,700	7.49	597,872,800	8.12	140,225,100	30.64
Oil, water and engine room stores	1,669,000	0.03	1,964,500	0.03	1,886,600	0.03	2,228,600	0.03	342,000	18.13
Transport and Travelling	807,000	0.01	745,000	0.01	820,900	0.02	746,800	0.01	(74,100)	(9.03)
Repairs and Maintenance	29,314,000	0.43	28,852,400	0.46	35,436,300	0.58	25,865,200	0.35	(9,571,100)	(27.01)
Depreciation	75,072,000	1.11	76,713,600	1.23	79,713,600	1.30	122,769,900	1.67	43,056,300	54.01
TOTAL	611,863,000	9.05	727,105,300	11.62	591,413,400	9.68	765,199,400	10.40	173,786,000	29.38
<u>HYDRO ELECTRIC STATIONS</u>										
Salaries and Wages	4,852,000	0.15	4,576,000	0.15	4,555,500	0.11	4,683,000	0.14	127,500	2.80
Hydro Fuel	168,000	0.01	200,000	0.01	5,006,100	0.13	4,129,800	0.12	(876,300)	(17.50)
Oil, water and engine room stores	73,000	-	86,500	-	55,600	-	2,159,300	0.06	2,103,700	3,783.63
Transport and travelling	1,476,000	0.05	1,365,500	0.04	1,576,600	0.04	1,632,800	0.05	56,200	3.56
Repairs and maintenance	5,901,000	0.18	14,852,300	0.48	8,958,400	0.23	13,126,100	0.38	4,167,700	46.52
Depreciation	40,589,000	1.27	38,075,600	1.22	38,075,600	0.96	40,789,600	1.20	2,714,000	7.13
TOTAL	53,059,000	1.66	59,155,900	1.90	58,227,800	1.47	66,520,600	1.95	8,292,800	14.24

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

APPENDIX E
Page 2

BUDGET 1988/89 - GENERATION COSTS UNDER TYPES OF POWER STATIONS

	1986/87 Actual		1987/88				1988/89 (Estimated)		Increase 1988/89 over 1987/88 Col. (7) Less Col. (5)	
	\$	Cents per unit sold	Original		Revised		\$	Cents per unit sold	\$	%
			\$	Cents per unit sold	\$	Cents per unit sold				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
GAS TURBINE PLANTS										
Salaries and Wages	1,391,000	0.59	1,576,100	1.10	1,430,000	0.77	1,434,200	4.10	4,200	0.29
Fuel	25,524,000	10.81	23,565,500	16.54	26,187,700	14.11	7,745,400	22.11	(18,442,300)	(70.42)
Oil, water and engine room stores	47,000	0.02	61,100	0.04	39,000	0.02	32,000	0.09	(7,000)	(17.95)
Transport and travelling	196,000	0.08	168,200	0.12	54,300	0.03	57,500	0.16	3,200	5.89
Repairs and maintenance	1,903,000	0.81	2,448,600	1.72	2,755,800	1.49	3,127,100	8.93	371,300	13.47
Depreciation	11,723,000	4.96	8,341,800	5.86	8,341,800	4.49	8,516,500	24.31	174,700	2.09
TOTAL	40,784,000	17.27	36,161,300	25.38	38,808,600	20.91	20,912,700	59.70	(17,895,900)	(46.12)
COMBINED CYCLE POWER STATIONS										
Salaries and Wages	2,347,000	0.11	2,674,400	0.08	2,816,000	0.08	3,100,000	0.08	284,000	10.09
Fuel	119,017,000	5.50	213,210,800	6.10	168,641,700	5.10	193,611,500	4.87	24,969,800	14.81
Oil, water and engine room stores	261,000	0.01	202,000	0.01	169,000	0.01	207,000	-	38,000	22.49
Transport and travelling	278,000	0.01	160,900	-	247,500	0.01	234,900	0.01	(12,600)	5.09
Repairs and maintenance	1,049,000	0.05	6,641,900	0.19	13,843,000	0.42	5,517,000	0.14	(8,326,000)	(60.15)
Depreciation	33,810,000	1.56	29,956,700	0.86	29,956,700	0.91	33,810,000	0.85	3,853,300	12.86
TOTAL	156,762,000	7.24	252,846,700	7.24	215,673,900	5.53	236,480,400	5.95	20,806,500	9.64
TOTAL GENERATION	397,447,000	7.21	1,108,397,900	8.46	937,715,400	5.87	1,121,053,200	7.65	183,337,800	19.55

/TKR.

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

APPENDIX F/1

BUDGET 1988/89 - DETAILS OF EXPENDITURE

RECHARGEABLE WORK

	1987/88 (Revised)			1988/89 (Estimated)		
	Bungsar/M.Nawar Workshop	Others	Total	Bungsar/M.Nawar Workshop	Others	Total
	\$	\$	\$	\$	\$	\$
Charges for Work done or supervised by the Board	(6,093,700)	(25,219,800)	(31,313,500)	(7,159,200)	(29,627,700)	(36,786,900)
Direct Costs:						
Salaries and Wages	1,842,000	5,226,200	7,068,200	1,949,000	5,403,900	7,352,900
Materials	1,900,000	4,441,900	6,341,900	2,150,000	4,480,000	6,630,000
Transport and Travelling	29,900	1,277,200	1,307,100	31,900	1,287,500	1,319,400
Other direct expenses	44,300	1,550,700	1,595,000	46,500	1,594,200	1,640,700
Other direct expenses	410,000	1,812,100	2,222,100	510,000	1,854,700	2,364,700
Total Direct Costs	4,226,200	14,308,100	18,534,300	4,687,400	14,620,300	19,307,700
Indirect Costs:						
Salaries and Wages	677,000	335,400	1,012,400	718,000	335,500	1,053,500
Materials	21,000	1,800	22,800	31,000	1,800	32,800
Other indirect expenses	276,100	927,800	1,203,900	372,600	959,400	1,332,000
Repairs and maintenance	291,000	65,800	356,800	291,000	64,000	355,000
Loss Tools	14,600	1,200	15,800	13,500	1,200	14,700
Depreciation of equipment	19,200	-	-	25,700	-	25,700
Total Indirect Costs	1,298,900	1,332,000	2,611,700	1,451,800	1,361,900	2,813,700
Total Costs	5,525,100	15,640,100	21,165,200	6,139,200	15,982,200	22,121,400
Add: Work in progress at the beginning	4,888,600	27,516,300	32,404,900	5,200,000	22,743,000	27,943,000
Total of above items	10,413,700	43,156,400	53,570,100	11,339,200	38,725,200	50,064,400
Deduct: Work in progress at the end of the period	5,200,000	22,743,000	27,943,000	5,200,000	14,678,000	19,878,000
Total cost of completed work	5,213,700	20,413,400	25,627,100	6,139,200	24,047,200	30,186,400
(Surplus)/Deficit of Income over costs carried to Other Income	(880,000)	(4,806,400)	(5,686,400)	(1,020,000)	(5,580,500)	(6,600,500)

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1988/89 - DETAILS OF EXPENDITURE

HIRE OF APPARATUS

	1987/88 (Revised)	1988/89 (Estimated)
	\$	\$
Income from Hire of Apparatus	340,000	290,000
Direct Costs		
Salaries and Wages	12,000	10,000
Transport and Travelling	-	-
Repairs and Maintenance of apparatus	29,000	5,000
Installation and removal expenses	1,000	1,000
Total Direct Costs	42,000	16,000
Indirect Costs		
Depreciation	-	-
Total Costs	42,000	16,000
Surplus of Income over Costs carried to Other Income	298,000	274,000

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1988/89

PROVISION FOR DEPRECIATION

	1986/87	1987/88		1988/89	Increase 1988/89 over 1987/88 Col.(4)Less Col.(3)	
	Actual	Original	Revised	Estimated	Amount	%
	(1) \$	(2) \$	(3) \$	(4) \$	(5) \$	(6)
Generation	166,129,000	158,707,300	161,707,300	210,490,400	48,783,100	30.2
Transmission	54,635,000	59,800,000	59,800,000	47,694,700	(12,105,300)	(20.2)
Distribution	90,028,000	109,390,800	109,390,800	118,986,100	9,595,300	8.8
Office, Stores and Buildings	9,192,000	10,451,100	10,451,100	9,543,700	(907,400)	(8.7)
Staff Houses	4,873,000	6,402,300	6,402,300	5,715,500	(686,800)	(10.7)
Transport	6,623,000	8,100,000	6,410,300	6,477,200	66,900	1.0
Workshop	6,000	20,000	19,200	25,700	6,500	33.9
Hired Apparatus	-	-	-	-	-	-
Total	331,486,000	352,871,500	354,181,000	398,933,300	44,752,300	12.6

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1987/88 (REVISED)

ESTIMATED CONSOLIDATED SALARIES AND WAGES OVERHEAD ACCOUNT

	Industrial & Manual Workers	Other Monthly Paid Employees	Total
	\$ (1)	\$ (2)	\$ (3)
Local and Statutory Leave pay	6,192,700	17,625,200	23,817,900
Sick Leave Pay	1,394,700	2,707,500	4,102,200
Sports Leave Pay	78,200	247,500	325,700
Unrecorded Leave Pay	138,100	552,600	690,700
Provision for passages and allowances	-	370,000	370,000
Provision for pension and gratuities	1,607,700	13,007,300	14,615,000
Medical and dispensary charges	5,562,200	8,343,400	13,905,600
Employees provident fund (Board's Contribution)	4,520,000	6,780,000	11,300,000
Expenses on transfer of staff	500,000	2,000,000	2,500,000
Housing costs less rents received	6,927,700	9,093,200	16,020,900
Electricity Allowance	288,700	-	288,700
Civil Service Allowance	4,418,500	7,209,200	11,627,700
Entertainment Allowance	-	2,111,100	2,111,100
Social Security Scheme	10,500	16,300	26,800
Hardship Allowance	9,800	60,200	70,000
Dental Expenses	148,500	242,400	390,900
Total	31,797,300	70,365,900	102,163,200
Allocated salaries and wages (excluding leave and sick pay and salaries and wages chargeable to housing and medical costs)	64,150,000	124,500,000	188,650,000
Percentage of estimated expenditure to allocated salaries and wages above	49.57	56.52	54.16

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1988/89 (ESTIMATED)

ESTIMATED CONSOLIDATED SALARIES AND WAGES OVERHEAD ACCOUNT

	Industrial & Manual Workers	Other Monthly Paid Employees	Total
	\$ (1)	\$ (2)	\$ (3)
Local and Statutory Leave pay	6,205,700	17,662,400	23,868,100
Sick Leave Pay	1,484,300	2,881,200	4,365,500
Sports Leave Pay	85,100	269,400	354,500
Unrecorded Leave Pay	137,800	551,400	689,200
Provision for passages and allowances	-	380,000	380,000
Provision for pension and gratuities	1,650,000	13,350,000	15,000,000
Medical and dispensary charges	5,357,700	8,036,500	13,394,200
Employees provident fund (Board's Contribution)	4,740,000	7,110,000	11,850,000
Expenses on transfer of staff	400,000	1,600,000	2,000,000
Housing costs less rents received	5,193,700	8,843,400	14,037,100
Electricity Allowance	291,200	-	291,200
Civil Service Allowance	4,317,400	7,044,100	11,361,500
Entertainment Allowance	-	2,104,500	2,104,500
Social Security Scheme	10,500	16,300	26,800
Hardship Allowance	7,000	43,000	50,000
Dental Expenses	147,300	240,400	387,700
Total	30,027,700	70,132,600	100,160,300
Allocated salaries and wages (excluding leave and sick pay and salaries and wages chargeable to housing and medical costs)	63,000,000	125,000,000	188,000,000
Percentages of estimated expenditure to allocated salaries and wages above	47.66	56.11	53.28

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1988/89

TRANSPORT AND TRAVELLING EXPENSES

	Total 1988/89 Estimated)	Total 1987/88 Revised)
	\$	\$
A. <u>VEHICLE RUNNING COSTS</u>		
Commercial Vehicle		
Under 15 cwt. - Class 1		
Depreciation	38,400	38,000
Other expenses	279,500	170,300
Wages	324,600	326,900
15.1 cwt. to 30 cwt. - Class 2		
Depreciation	2,547,300	1,927,200
Other expenses	10,065,600	12,921,400
Wages	8,707,300	8,558,800
30.1 cwt. to 3 Tons - Class 3		
Depreciation	930,300	902,900
Other expenses	6,378,200	789,300
Wages	4,471,900	4,478,000
Over 3 Ton - Class 4		
Depreciation	2,515,900	3,083,600
Other expenses	2,271,600	2,201,900
Wages	1,517,000	1,592,900
Motor Cars - Class 7		
Depreciation	434,600	447,900
Other expenses	451,900	566,900
Wages	153,100	174,000
Motor Cycles - Class 8		
Depreciation	400	400
Other expenses	3,200	3,200
Total Depreciation	6,466,900	6,400,000
Total Other Expenses	19,450,000	16,653,000
Total Wages	15,173,900	15,130,600
Total Vehicle running costs	41,090,800	38,183,600

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1988/89

TRANSPORT AND TRAVELLING EXPENSES

	Total 1988/89 Estimated)	Total 1987/88 (Revised)
	\$	\$
B. <u>RAILWAY RUNNING COSTS</u>		
Diesel Engine		
Depreciation	-	-
Other Expenses	-	-
Wagon and Bogies		
Depreciation	10,300	10,300
Other Expenses	-	-
Total Railway Running Cost	10,300	10,300
C. <u>OTHER TRANSPORT AND TRAVELLING COSTS</u>		
Car Allowance	6,938,900	6,897,900
Motor Cycle & bicycle allowance	2,608,700	2,564,100
Travelling expenses	16,277,600	16,581,200
Drivers Allowance:		
Grade A6 and above	23,200	20,500
Grade A7 and below	2,400	2,400
Transport of stores	1,348,000	1,315,500
Total other Transport & Travelling Costs	27,198,800	27,381,600
Total Transport Travelling Costs (A+B+C)	68,299,900	65,575,500

NATIONAL ELECTRICITY BOARD

OF THE STATES OF MALAYA

BUDGET 1988/89

TRANSPORT AND TRAVELLING EXPENSES

	Total 1988/89 (Estimated)	Total 1987/88 (Revised)
	\$	\$
Apportioned to:		
Generation	3,337,700	3,445,700
Transmission	4,292,800	4,127,800
Distribution	26,414,700	25,108,300
Consumers service	5,905,200	5,741,700
Meter Reading, billing collection of account	3,544,300	3,513,000
Training and Welfare	382,000	370,200
Administration	2,193,000	2,044,000
Consolidated salaries & wages overhead a/c	22,500	18,200
Rechargeable Works	2,985,300	2,928,900
Hire of Apparatus	2,100	2,200
Capital Works	17,628,800	16,747,200
Transport of Stores	1,591,500	1,528,300
Total amount apportioned	68,299,900	65,575,500

/GM

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

NATIONAL GRID COSTS

	1987/88 (Revised)	1988/89 (Estimated)
<u>Power Station Operating Costs</u>	\$	\$
Bersia Hydro Power Station	5,086,874	6,368,606
Chenderoh Hydro Power Station	3,032,690	2,761,732
Kenering Hydro Power Station	6,706,708	5,057,248
Kenyir Hydro Power Station	21,476,886	22,486,272
Sultan Idris II Power Station	6,257,401	8,964,663
Sultan Yusuff Power Station	7,982,770	7,746,575
Sempam/Mini Hydros	147,900	176,200
Temengor Power Station	12,088,775	15,860,642
Ulu Langat Hydro Power Station	739,149	765,143
Connaught Bridge Power Station	38,242,024	20,863,531
Glugor Power Station	6,922,591	4,377,598
Malim Nawar Power Station	1,872,512	1,114,820
Melaka Power station	1,636,273	-
Paka Power Station	218,796,338	240,285,833
Pasir Gudang Power Station	106,937,477	116,556,335
Port Kelang I Power Station	190,492,651	394,758,222
Prai Power Station	126,628,787	111,409,435
Sultan Ismail Power Station	3,532,258	2,991,640
Kuantan Power Station	818,361	1,362,360
Tuanku Jaafar Power Station	167,144,372	151,187,341
Total Power Station Operating Costs	926,542,797	1,115,094,196
<u>Transmission Operating Costs</u>		
Transmission & Control Departments	91,889,755	81,401,359
Total National Grid	1,018,432,552	1,196,495,555

BUDGET 1988/89

NATIONAL GRID COSTS

	1987/88 (Revised)		1988/89 (Estimated)	
	Units (OOO's)	\$	Units (OOO's)	\$
<u>Apportionment of National Grid Cost to stations on basis of units sold</u>				
Alor Gajah	23,228	1,732,000	24,497	2,011,400
Alor Star/Kepala Batas	197,374	14,817,600	217,807	17,881,400
Arau/Kangar	120,959	9,080,800	130,084	10,679,600
Bachok	13,883	1,042,200	14,517	1,192,000
Bagan Serai	44,200	3,318,300	45,521	3,737,800
Balik Pulau	10,575	793,900	11,120	913,000
Bandar Baru Kedah	6,783	509,200	7,111	583,900
Banting	95,370	7,159,800	106,590	8,750,400
Batu Gajah	29,560	2,219,200	31,134	2,556,300
Batu Pahat	196,539	14,754,900	207,607	17,045,300
Bentong	44,294	3,325,300	49,006	4,023,300
Besut	19,981	1,500,100	22,043	1,809,600
Bidor	36,091	2,709,500	37,668	3,092,900
Bukit Mertajam	84,355	6,332,800	86,638	7,114,000
Butterworth	655,786	49,232,300	692,456	56,858,300
Cameron Highlands	13,432	1,008,400	14,176	1,164,000
Elec. Generating Authority Thailand	37,241	1,974,200	45,450	2,750,600
Dungun	22,592	1,696,100	33,461	2,746,600
Fraser's Hill	2,600	195,200	2,625	215,500
Gemas	8,062	605,200	8,629	708,400
Gopeng	13,656	1,025,200	13,235	1,086,700
Grik	5,426	407,400	5,712	469,000
Guar Cherpedak	21,068	1,581,600	22,917	1,881,400
Ipoh	286,886	21,537,600	308,252	25,310,800
Jasin	17,684	1,327,600	18,418	1,512,400
Jengka	8,792	660,000	14,565	1,194,700
Jerantut	12,578	944,300	21,403	1,754,400
Jitra	42,555	3,194,800	47,046	3,862,000
Johore Bharu	536,868	40,304,700	564,388	46,337,600
Kajang	360,318	27,050,400	382,104	31,372,300
Kampar	93,317	7,005,700	105,426	8,647,500
Kemaman	351,555	26,392,600	406,162	33,338,500
Ketereh	12,131	910,700	13,199	1,083,600
Klang	634,851	47,660,700	658,752	54,088,500
Kluang	152,666	11,461,200	161,217	13,237,000
Kota Bharu	149,414	11,217,100	156,550	12,854,200
Kota Tinggi	94,828	7,119,100	100,778	8,273,800
Kuala Kangsar	84,518	6,345,100	92,804	7,619,500
Kuala Klawang	6,231	467,800	6,929	568,700
Kuala Krai	16,517	1,240,000	17,212	1,413,300
Kuala Lipis	11,736	881,100	13,939	1,144,200

BUDGET 1988/89

NATIONAL GRID COSTS

	Units (000's)	\$	Units (000's)	\$
Kuala Kubu Bharu/Tanjong Malim	33,735	2,532,600	35,688	2,930,000
Kuala Lumpur (North)	1,400,144	104,778,000	1,490,255	121,977,200
Kuala Lumpur (South)	1,267,193	94,796,900	1,318,252	107,858,400
Kuala Lumpur (PVT)	180,708	13,566,400	215,888	17,721,800
Kuala Nerang	5,535	415,500	5,959	489,300
Kuala Pilah/Bahau	68,354	5,131,600	74,880	6,147,400
Kuala Selangor	32,112	2,410,800	35,511	2,915,700
Kuala Terengganu	133,059	9,989,200	143,400	11,773,600
Kuantan	239,973	18,015,700	253,066	20,778,900
Kulai	82,382	6,184,700	91,324	7,496,500
Kulim/Lunas	87,842	6,594,600	117,903	9,675,300
Lenggong	5,179	388,800	5,708	468,600
Machang	14,363	1,078,300	16,943	1,390,500
Malacca	387,504	30,595,000	403,192	34,854,500
Masjid Tanah	10,338	776,100	10,842	890,300
Menglembu	350,404	26,306,100	384,366	31,556,100
Mentakab/Temerloh	69,891	5,247,000	75,392	6,189,900
Muar	152,481	11,447,300	168,802	13,853,700
Nibong Tebal	61,976	4,652,800	68,264	5,605,200
Parit	32,724	2,456,700	35,673	2,928,800
Pasir Gudang	227,003	17,042,000	267,072	21,924,000
Pasir Mas	24,700	1,854,300	27,564	2,262,800
Pasir Puteh	13,489	1,012,700	14,467	1,187,900
Pekan	20,800	1,561,500	22,205	1,822,800
Pendang	8,927	672,200	9,272	765,800
Petaling Jaya	967,322	72,620,500	996,012	81,783,200
Rontian Kecil	44,819	3,364,700	47,269	3,880,600
Port Dickson	171,624	12,884,500	186,800	15,336,300
Port Klang	152,515	11,449,900	158,833	13,041,800
Pulau Langkawi	133,159	9,996,700	146,374	12,017,500
Pulau Pinang	846,810	63,573,200	929,760	76,332,200
Raub	26,008	1,952,500	28,730	2,358,500
Rawang	205,754	15,446,700	212,989	17,488,800

/GM

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

NATIONAL GRID COSTS

	Units (000's)	\$	Units (000's)	\$
Rembau	15,948	1,197,300	16,599	1,362,900
Shah Alam	314,055	23,577,300	348,768	28,632,100
Segamat	73,260	5,499,900	78,598	6,453,300
Seremban	279,605	20,991,000	297,799	24,450,500
Sitiawan	86,419	6,487,800	93,052	7,640,100
Slim River	20,702	1,554,200	24,215	1,987,600
Sungai Besar	20,029	1,503,700	21,295	1,748,500
Sungei Petani	149,908	11,254,200	169,155	13,886,600
Sungei Siput	24,152	1,813,200	26,063	2,139,900
Taiping	227,489	17,078,500	236,805	19,443,400
Tampin	27,735	2,082,200	28,805	2,364,900
Tanah Merah	21,428	1,608,700	27,060	2,220,600
Tangkak	12,605	946,300	13,419	1,101,800
Tanjong Rambutan	47,508	3,566,600	51,672	4,242,600
Tanjong Tualang	67,639	5,077,900	74,632	6,127,100
Tapah	32,297	2,424,700	34,143	2,803,300
Teluk Intan	91,492	6,868,600	94,102	7,726,800
Tumpat	18,160	1,363,300	19,186	1,575,300
Balance Total	13,565,758	1,018,432,600	14,573,171	1,196,495,600
<u>Average Price Per Unit Sold</u>		<u>Cents</u>		<u>Cents</u>
Generation		6.83		7.65
Transmission		0.68		0.56
Generation and Transmission		<u>7.51</u>		<u>8.21</u>

Revised
\$Estimated
\$

*In addition purchases from:

Pihak Kuasa Air, Pulau Pinang	67,500	67,500
E.G.A.T.	165,800	175,500
	<u>233,300</u>	<u>243,000</u>

/RG

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA
BUDGET 1988/89 SUMMARISED STATION BUDGETS

APPENDIX J

	Income From Sales				Consumers' Contribution and Other Income		Total Expenses				Net Revenue			
	1987/88	1988/89	Increase over 1987/88		1987/88	1988/89	1987/88	1988/89	Increase over 1987/88		Surplus		Loss	
			Amount	%					Amount	%	1987/88	1988/89	1987/88	1988/89
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
\$000	\$000	\$000		\$000	\$000	\$000	\$000	\$000		\$000	\$000	\$000	\$000	
DIESEL STATIONS														
Baling	3,255.6	4,213.6	958.0	29.4	114.4	98.5	5,708.7	6,798.1	1,089.4	19.1	-	-	2,338.7	2,486.0
Bandar Penawar	1,688.2	2,020.1	331.9	19.7	30.8	26.1	2,350.4	2,960.8	610.4	26.0	-	-	631.4	914.6
Bandar Permaisuri	155.1	193.5	38.4	24.8	3.0	3.0	338.6	423.8	85.2	25.2	-	-	180.5	227.3
Bandar Tun Razak (22)	481.5	492.1	10.6	2.2	15.7	14.6	1,059.5	1,108.2	48.7	4.6	-	-	562.3	601.5
Bera	155.6	477.9	322.3	207.1	1.4	1.5	547.4	971.8	424.4	77.5	-	-	390.4	492.4
Bukit Iban	376.5	381.9	5.4	1.4	222.6	220.7	862.0	1,060.0	198.0	23.0	-	-	262.9	457.4
Bukit Ridan	626.9	655.5	28.6	4.6	16.8	14.8	1,153.3	1,437.8	284.5	24.7	-	-	509.6	767.5
Gua Musang	1,108.9	1,369.8	260.9	23.5	29.0	25.9	1,594.8	2,061.0	466.2	29.2	-	-	456.9	665.3
Maran	864.9	1,013.7	148.8	17.2	24.3	19.3	1,828.8	2,099.3	270.5	14.8	-	-	939.6	1,066.3
Mersing	3,055.1	3,213.4	158.3	5.2	172.1	155.3	3,684.1	3,961.9	277.8	7.5	-	-	456.9	593.2
Rompin	1,176.5	1,304.9	128.4	10.9	171.6	162.0	2,589.2	2,921.9	332.7	12.8	-	-	1,241.1	1,455.0
Sungei Lembing	302.3	-	(302.3)	(100.0)	-	-	769.4	-	(769.4)	(100.0)	-	-	467.1	-
Sungei Rengit	808.7	847.0	38.3	4.7	6.0	6.0	875.6	1,000.5	124.9	14.3	-	-	60.9	147.5
Rural Stations	5,046.2	4,292.0	(754.2)	(14.9)	189.1	123.3	18,498.7	17,392.8	(1,105.9)	(8.5)	-	-	13,263.4	12,977.5
TOTAL DIESEL STATIONS	19,102.0	20,475.4	1,373.4	7.2	996.8	871.0	41,860.5	44,197.9	2,337.4	5.6	-	-	21,761.7	22,851.5
NATIONAL GRID STATIONS														
Alor Gajah	4,733.3	4,974.9	241.6	5.1	43.2	46.2	2,774.3	3,081.3	307.0	11.1	2,002.2	1,939.9	-	-
Alor Star	41,385.8	46,161.5	4,775.7	11.5	11,555.8	11,292.5	34,606.8	39,618.2	5,011.4	14.5	18,334.8	17,835.7	-	-
Arau/Kangar	20,939.8	22,533.2	1,593.4	7.6	2,172.4	2,017.2	19,117.6	21,780.2	2,662.6	13.9	3,994.6	2,770.2	-	-
Bachok	2,920.6	3,051.0	130.4	4.5	100.1	91.6	3,351.7	3,901.8	550.1	16.4	-	-	331.0	759.2
Bagan Serai	9,222.2	9,489.6	267.4	2.9	204.5	170.6	6,819.4	7,182.3	362.9	5.3	2,607.2	2,477.9	-	-
Balik Pulau	2,276.9	2,388.0	111.1	4.9	25.9	25.9	1,376.9	1,528.0	151.1	11.0	925.9	885.9	-	-
Bandar Baru Kedah	1,462.7	1,532.2	69.5	4.8	45.6	40.7	1,370.6	1,537.6	167.0	12.2	137.8	35.3	-	-
Banting	16,723.3	18,433.1	1,709.8	10.2	605.0	527.9	12,603.2	14,568.5	1,965.3	15.6	4,725.1	4,392.5	-	-
Batu Gajah	5,732.3	6,034.4	302.1	5.3	145.3	119.3	5,178.6	5,497.0	318.4	6.1	699.0	656.7	-	-
Batu Pahat	37,252.4	39,336.4	2,084.0	5.6	4,931.3	4,763.8	26,374.6	29,869.4	3,494.8	13.3	15,809.1	14,230.8	-	-
Bentong	8,704.8	9,637.4	932.6	10.7	561.4	506.5	6,885.1	7,740.3	855.2	12.4	2,381.1	2,403.6	-	-
Besut	4,130.5	4,594.7	464.2	11.2	857.0	336.8	4,203.2	4,671.3	468.1	11.1	784.3	760.2	-	-
Bidor	5,884.4	6,154.7	270.3	4.6	128.6	101.4	5,567.3	5,875.4	308.1	5.5	445.7	380.7	-	-
Bukit Mertajam	17,923.1	18,398.9	475.8	2.7	599.6	484.9	13,688.0	15,091.6	1,403.6	10.3	4,834.7	3,792.2	-	-

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA
BUDGET 1987/88 SUMMARISED STATION BUDGETS

APPENDIX J
Page 2

	Income From Sales				Consumers' Contribution and Other Income		Total Expenses				Net Revenue			
	1987/88	1988/89	Increase over 1987/88		1987/88	1988/89	1987/88	1988/89	Increase over 1987/88		Surplus		Loss	
			Amount	%					Amount	%	1987/88	1988/89	1987/88	1988/89
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
\$000	\$000	\$000		\$000	\$000	\$000	\$000	\$000		\$000	\$000	\$000	\$000	
Butterworth	104,205.7	110,115.5	5,909.8	5.7	6,383.1	5,553.4	88,663.1	98,901.3	10,238.2	11.5	21,925.7	16,767.6	-	-
Cameron Highlands	2,922.7	3,082.1	159.4	5.5	189.5	167.1	2,708.9	3,014.3	305.4	11.3	403.3	234.9	-	-
Dungun	5,960.1	6,612.4	652.3	10.9	1,113.6	1,082.4	7,258.1	8,331.8	1,073.7	14.8	-	-	184.4	637.0
Egat	4,111.4	5,017.7	906.3	22.0	-	-	1,982.9	2,760.5	777.6	39.2	2,128.5	2,257.2	-	-
Fraser's Hill	552.1	557.1	5.0	0.9	48.0	44.0	726.1	675.7	(50.4)	(6.9)	-	-	125.9	74.6
Gemas	1,567.6	1,679.3	111.7	7.1	69.7	64.1	1,249.0	1,414.8	165.8	13.3	388.3	328.6	-	-
Gopeng	2,559.0	2,522.5	(36.5)	(1.4)	58.3	54.9	2,161.7	1,964.3	(197.4)	(9.1)	465.7	613.1	-	-
Grik	1,513.5	1,574.9	61.4	4.1	24.2	24.4	1,954.1	2,046.2	92.1	4.7	-	-	416.4	446.9
Guar Chempadak	4,268.2	4,635.4	367.2	8.6	38.5	88.5	2,516.7	2,885.8	369.1	14.6	1,840.0	1,838.1	-	-
Ipoh	62,163.1	66,694.9	4,531.8	7.3	6,650.4	6,379.1	39,679.6	44,575.9	4,896.3	12.3	29,133.9	28,498.1	-	-
Jasin	3,782.2	3,936.0	153.8	4.1	98.6	81.5	3,468.7	3,790.7	322.0	9.3	412.1	226.8	-	-
Jengka	1,745.5	2,867.0	1,121.5	64.3	20.4	17.6	1,027.4	1,614.7	587.3	57.2	738.5	1,269.9	-	-
Jerantut	2,732.7	4,348.0	1,615.3	59.1	90.5	30.2	2,448.2	3,030.7	582.5	23.8	375.0	1,397.5	-	-
Jitra	9,007.1	10,020.3	1,013.2	11.2	201.7	171.2	6,295.6	7,142.1	846.5	13.4	2,913.2	3,049.4	-	-
Johore Bharu	104,910.2	111,244.3	6,334.1	6.0	11,172.9	10,375.7	80,835.7	89,157.2	8,321.5	10.3	35,247.3	32,462.8	-	-
Kajang	65,928.7	70,092.0	4,163.3	6.3	4,020.1	3,685.9	44,341.2	49,976.5	5,635.3	12.7	25,607.6	23,801.4	-	-
Kampar	14,628.7	16,396.5	1,767.8	12.1	231.1	233.1	13,091.1	14,035.7	944.6	7.2	1,768.7	2,593.9	-	-
Kemaman	37,353.2	42,336.2	4,983.0	13.3	2,116.3	1,898.2	37,105.2	44,012.5	6,907.3	18.6	2,364.3	221.9	-	-
Ketereh	2,575.7	2,803.6	227.9	8.8	38.0	41.0	1,542.5	1,742.3	199.8	13.0	1,071.2	1,102.3	-	-
Klang	99,369.2	103,526.8	4,157.6	4.2	6,266.1	5,395.6	86,733.4	96,543.5	9,810.1	11.3	18,901.9	12,378.9	-	-
Kluang	28,770.0	30,320.8	1,550.8	5.4	2,867.0	2,735.4	21,562.4	23,933.7	2,371.3	11.0	10,074.6	9,122.4	-	-
Kota Bharu	32,324.1	33,896.7	1,572.6	4.9	17,932.8	17,875.2	29,112.0	33,667.9	4,555.9	15.6	21,144.9	18,104.0	-	-
Kota Tinggi	14,062.1	15,154.4	1,092.3	7.8	226.4	172.5	9,978.8	11,207.5	1,228.7	12.3	4,309.8	4,119.4	-	-
Kuala Kangsar	11,628.1	12,765.4	1,137.3	9.8	622.3	598.2	11,877.4	13,105.7	1,228.3	10.3	373.0	257.9	-	-
Kuala Klawang	1,367.1	1,528.8	161.7	11.8	74.5	64.2	1,758.7	2,013.9	255.2	14.5	-	-	317.1	420.9
Kuala Krai	3,327.2	3,468.8	141.6	4.3	339.3	299.4	4,778.1	5,214.3	436.2	9.1	-	-	1,111.6	1,446.1
Kuala Kubu Bharu/Tj. Malim	6,968.0	7,433.2	465.2	6.7	231.9	196.7	5,868.2	6,592.6	724.4	12.3	1,331.7	1,037.3	-	-
Kuala Lipis	2,529.5	2,955.6	426.1	16.8	575.2	565.2	2,358.1	2,682.0	323.9	13.7	746.6	838.8	-	-
Kuala Lumpur (North)	296,129.3	314,665.3	18,536.0	6.3	10,867.0	9,219.1	180,089.1	201,498.4	21,409.3	11.9	126,907.2	122,386.0	-	-
Kuala Lumpur (South)	275,781.4	286,922.7	11,141.3	4.0	9,513.0	8,951.4	163,136.0	181,864.8	18,728.8	11.5	122,158.4	114,009.3	-	-
Kuala Lumpur (PVT)	22,433.4	26,802.8	4,369.4	19.5	1,866.6	1,506.6	35,059.5	49,332.0	14,272.5	40.7	-	-	10,759.5	21,022.6
Kuala Nerang	1,131.1	1,217.0	85.9	7.6	22.0	21.0	780.9	916.8	135.9	17.4	372.2	321.2	-	-
Kuala Pilah	13,426.6	14,604.9	1,178.3	8.8	1,152.5	1,046.2	13,705.3	14,947.6	1,242.3	9.1	873.8	703.4	-	-
Kuala Selangor	6,830.3	7,514.6	684.3	10.0	1,940.4	1,890.9	3,025.3	3,501.6	476.3	5.9	745.4	903.9	-	-
Kuala Terengganu	28,459.9	30,702.9	2,243.0	7.9	3,716.5	3,628.0	25,338.0	28,074.6	2,736.6	10.8	11,838.4	11,256.3	-	-
Kuantan	46,753.8	49,170.2	2,416.4	5.2	7,672.6	7,513.6	30,129.4	33,699.3	3,569.9	11.8	24,297.0	22,984.5	-	-
Kulai	15,619.2	17,246.4	1,627.2	10.4	271.7	215.7	9,513.5	11,001.6	1,488.1	15.6	6,377.4	6,460.5	-	-
Kulim/Lunas	15,783.7	20,431.8	4,648.1	29.4	999.1	897.9	13,654.2	17,785.5	4,131.3	30.3	3,128.6	3,544.2	-	-
Lenggong	1,118.4	1,236.0	117.6	10.5	27.5	23.5	1,147.5	1,136.6	(10.9)	(0.9)	-	122.9	1.6	-
Machang	3,025.3	3,509.1	483.8	16.0	60.0	51.0	1,650.2	2,188.7	538.5	32.6	1,435.1	1,371.4	-	-
Malacca	71,751.9	74,532.8	2,780.9	3.9	5,357.6	4,898.1	57,293.9	63,871.4	6,577.5	11.5	19,815.6	15,559.5	-	-
Masjid Tanah	2,200.3	2,307.3	107.0	4.9	40.0	42.0	1,422.1	1,632.0	209.9	14.8	818.2	717.3	-	-
Menglembu	55,059.2	60,588.1	5,528.9	10.0	2,543.6	2,004.8	52,499.8	57,706.9	5,207.1	9.9	5,103.0	4,886.0	-	-

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA
BUDGET 1987/88 SUMMARISED STATION BUDGETS

APPENDIX J
Page 3

	Income From Sales				Consumers' Contribution and Other Income		Total Expenses				Net Revenue			
	1987/88	1988/89	Increase over 1987/88		1987/88	1988/89	1987/88	1988/89	Increase over 1987/88		Surplus		Loss	
			Amount	%					Amount	%	1987/88	1988/89	1987/88	1988/89
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
\$000	\$000	\$000		\$000	\$000	\$000	\$000	\$000		\$000	\$000	\$000	\$000	
Mentakab/Temorloh	13,956.4	15,046.2	1,089.8	7.8	4,605.7	4,550.5	12,224.2	14,247.0	2,022.8	16.5	6,337.9	5,349.7	-	-
Muar	29,626.0	32,416.3	2,790.3	9.4	3,687.0	3,519.0	25,076.8	27,811.1	2,734.3	10.9	8,236.1	8,124.2	-	-
Nibong Tebal	11,023.5	11,975.9	953.4	8.6	399.2	328.8	9,356.6	10,750.8	1,394.2	14.9	2,066.1	1,554.9	-	-
Parit	5,591.3	5,084.2	492.4	8.8	131.3	109.5	5,076.1	5,505.5	429.4	8.5	647.0	688.2	-	-
Pasir Gudang	33,312.6	39,369.4	6,056.8	18.2	160.2	165.2	17,627.6	22,522.9	4,895.3	27.8	15,845.2	17,011.7	-	-
Pasir Mas	5,139.0	5,755.1	616.1	12.0	277.2	238.3	6,534.1	7,228.6	644.5	9.8	-	-	1,167.9	1,235.2
Pasir Puteh	2,797.8	3,000.9	203.1	7.3	232.4	193.8	4,050.2	4,492.6	432.4	10.6	-	-	1,030.0	1,292.9
Pekan	3,938.5	4,191.8	253.3	6.4	732.7	693.1	4,545.7	5,058.0	512.3	11.3	125.6	-	-	173.1
Pendang	1,890.2	1,964.2	74.0	3.9	35.2	35.2	497.5	479.8	(17.7)	(3.6)	1,427.9	1,519.6	-	-
Petaling Jaya	182,762.3	187,967.9	5,205.6	2.8	6,707.3	5,827.1	119,745.4	132,304.2	12,558.8	10.5	69,724.2	61,490.8	-	-
Portian Kecil	9,173.2	9,584.1	410.9	4.5	514.3	459.3	7,714.1	8,774.8	1,060.7	13.8	1,973.4	1,268.6	-	-
Port Dickson	27,785.5	30,449.3	2,663.8	9.6	937.5	696.1	24,202.2	27,451.4	3,249.2	13.4	4,520.8	3,694.1	-	-
Port Klang	27,311.4	28,420.6	1,109.2	4.1	221.5	222.5	12,795.3	14,505.0	1,709.7	13.4	14,737.6	14,138.1	-	-
Pulau Langkawi	17,861.8	19,693.3	1,831.5	10.3	557.6	383.9	20,409.0	20,597.3	188.3	0.9	-	-	1,989.6	520.1
Pulau Pinang	155,112.4	168,372.2	13,259.8	8.5	5,406.6	4,381.1	110,373.8	125,795.0	15,421.2	14.0	50,145.2	46,958.2	-	-
Raub	5,375.2	5,919.2	544.0	10.1	2,394.3	2,363.1	6,190.8	6,909.0	718.2	11.6	1,578.7	1,373.3	-	-
Rawang	28,289.5	29,309.5	1,020.0	3.6	2,030.3	1,786.7	26,430.5	29,151.7	2,721.2	10.3	3,889.3	1,944.5	-	-
Rembau	3,046.9	3,163.0	116.1	3.8	87.6	72.6	2,665.7	3,033.3	367.6	13.8	468.8	202.3	-	-
Segamat	15,413.6	16,499.9	1,086.3	7.0	1,087.7	994.9	12,052.2	13,678.1	1,625.9	13.5	4,449.1	3,816.7	-	-
Seremban	51,939.7	55,133.9	3,194.2	6.1	6,055.9	5,787.2	39,398.5	43,814.2	4,415.7	11.2	18,597.1	17,106.9	-	-
Shah Alam	56,899.7	63,574.8	6,675.1	11.7	2,664.9	2,326.3	37,772.8	44,346.3	6,573.5	17.4	21,791.8	21,554.8	-	-
Sitiawan/Lumut	17,048.6	18,371.9	1,323.3	7.8	1,115.5	989.1	13,565.8	15,273.5	1,707.7	12.6	4,598.3	4,087.6	-	-
Slim River	2,995.2	3,433.7	438.5	14.6	95.4	71.4	3,406.0	3,678.8	272.8	8.0	-	-	315.4	173.8
Sungai Besar	4,371.6	4,638.8	267.2	6.1	115.0	101.9	2,947.9	3,351.5	403.6	13.7	1,538.6	1,389.3	-	-
Sungai Kongkoi	34.4	36.2	1.8	5.2	-	-	18.9	20.2	1.3	6.9	15.5	16.0	-	-
Sungai Lembang	-	324.3	324.3	100.0	-	-	-	299.1	299.1	100.0	-	25.2	-	-
Sungai Petani	27,764.6	31,334.9	3,570.3	12.9	4,793.5	4,709.2	19,967.5	24,162.4	4,194.9	21.0	12,595.6	11,881.7	-	-
Sungai Siput	4,905.5	5,285.7	380.2	7.8	99.6	81.4	4,150.6	4,515.5	364.9	8.8	854.5	851.6	-	-
Taiping	38,101.6	39,803.5	1,701.9	4.5	4,581.0	4,333.3	32,950.1	36,504.5	3,554.4	10.8	9,732.5	7,632.3	-	-
Tampin	5,004.1	5,217.6	213.5	3.6	567.4	485.1	7,142.4	7,876.9	734.5	10.3	-	-	571.0	1,174.2
Tanah Merah	4,120.7	5,095.9	975.2	23.7	105.8	95.9	2,845.4	3,553.1	707.7	24.9	1,381.1	1,638.8	-	-
Tangkak	2,773.9	2,951.6	177.7	6.4	129.8	116.4	2,104.5	2,372.5	268.0	12.7	799.2	695.5	-	-
Tanjong Rambutan	9,374.8	10,167.4	792.6	8.5	160.0	129.9	6,470.9	7,067.0	596.1	9.2	3,063.9	3,230.3	-	-
Tanjong Tualang	7,895.2	8,705.0	809.8	10.3	146.2	102.8	7,596.4	8,502.6	906.2	11.9	445.0	305.2	-	-
Tapah	5,054.9	5,389.4	334.5	6.6	100.3	76.0	4,289.8	4,484.1	194.3	4.5	865.4	981.3	-	-
Teluk Intan	18,476.2	18,987.8	511.6	2.8	2,338.0	2,224.0	16,094.6	17,738.3	1,643.7	10.2	4,719.6	3,473.5	-	-
Tumpat	3,855.6	4,069.7	214.1	5.6	130.8	117.4	3,221.1	3,703.4	482.3	15.0	765.3	483.7	-	-
TOTAL NATIONAL GRID STATIONS	2,508,652.5	2,684,464.2	175,811.7	7.0	188,195.9	174,652.8	1,882,015.9	2,123,694.8	241,678.9	12.8	833,153.9	764,798.8	18,321.4	29,376.6
TOTAL ALL STATIONS	2,527,754.5	2,704,939.6	177,185.1	7.0	189,192.7	175,523.8	1,923,876.4	2,167,892.7	244,016.3	12.7	833,153.9	764,798.8	40,083.1	52,228.1

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO DOMESTIC CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
<u>DIESEL STATIONS</u>				
Baling	1,494.4	1,674.4	180.0	12.0
Bandar Penawar	370.8	560.0	189.2	51.0
Bandar Permaisuri	62.7	73.5	10.8	17.2
Bandar 22 (Tun Razak)	386.4	393.9	7.5	1.9
Bera	116.3	334.9	218.6	188.0
Bukit Ibam	81.8	85.1	3.3	4.0
Bukit Ridan	180.3	193.1	12.8	7.1
Gua Musang	321.8	369.1	47.3	14.7
Maran	300.9	356.0	55.1	18.3
Mersing	1,303.1	1,369.9	66.8	5.1
Rompin	478.6	499.8	21.2	4.4
Sungei Lembing	229.8	-	(229.8)	(100.0)
Sungei Rengit	429.3	452.0	22.7	5.3
Rural Stations	4,870.0	4,142.4	(727.6)	(14.9)
<u>TOTAL DIESEL STATIONS</u>	10,626.2	10,755.7	129.5	1.2

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO DOMESTIC CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
<u>NATIONAL GRID STATIONS</u>				
Alor Gajah	1,798.7	1,846.3	47.6	2.7
Alor Star/Kepala Batas	14,407.0	15,222.5	815.5	5.7
Arau/Kangar	5,478.4	5,808.7	330.3	6.0
Bachok	2,114.9	2,204.6	89.7	4.2
Bagan Serai	3,626.1	3,751.1	125.0	3.5
Balik Pulau	1,295.3	1,351.7	56.4	4.4
Bandar Baru Kedah	779.2	822.9	43.7	5.6
Banting	4,665.4	4,934.8	269.4	5.8
Batu Gajah	2,061.6	2,225.6	164.0	8.0
Batu Pahat	11,217.9	11,903.0	685.1	6.1
Bentong	2,147.0	2,700.9	553.9	25.8
Besut	1,876.3	1,958.7	82.4	4.4
Bidor	1,785.7	1,896.1	110.4	6.2
Bukit Mertajam	7,263.6	7,429.2	165.6	2.3
Butterworth	13,294.5	13,830.8	536.3	4.0
Cameron Highlands	985.8	1,038.6	52.8	5.4
Dungun	2,267.5	2,420.1	152.6	6.7
Fraser's Hill	47.4	48.5	1.1	2.3
Gemas	517.5	571.4	53.9	10.4
Gopeng	1,158.0	1,187.1	29.1	2.5
Guar Chempedak	1,724.0	1,861.6	137.6	8.0
Grik	849.1	890.3	41.2	4.9
Ipoh	17,781.5	18,038.1	256.6	1.4
Jasin	1,733.3	1,830.2	96.9	5.6
Jengka	485.9	786.8	300.9	62.0
Jerantut	1,123.4	1,396.7	273.3	24.3
Jitra	3,701.3	3,838.0	136.7	3.7
Johor Bharu	27,377.9	29,592.8	2,214.9	8.1
Kajang	12,518.1	13,583.5	1,065.4	8.5
Kampar	3,028.1	3,259.4	231.3	7.6
Kemaman	3,244.8	3,514.9	270.1	8.3
Keteroh	1,158.4	1,224.2	65.8	5.7
Klang	17,465.6	19,072.5	1,606.9	9.2
Kluang	7,233.0	7,826.2	593.2	8.2
Kota Bharu	10,689.1	11,108.7	419.6	3.9
Kota Tinggi	1,818.0	2,306.4	488.4	26.9
Kuala Kangsar	2,700.7	2,866.5	165.8	6.1
Kuala Klawang	741.3	775.0	33.7	4.6
Kuala Krai	1,016.0	1,102.7	86.7	8.5
Kuala Kubu Bharu/Tg. Malim	2,628.2	2,741.1	112.9	4.3
Kuala Lipis	1,004.4	1,148.7	144.3	14.4
Kuala Lumpur (North)	68,989.6	74,701.9	5,712.3	8.3
Kuala Lumpur (South)	68,085.0	71,763.7	3,678.7	5.4
Kuala Nerang	672.8	736.7	63.9	9.5

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO DOMESTIC CONSUMERS

	1987/88	1988/89	Increase over 1987/88	
	(Revised)	(Estimated)	Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Kuala Pilah/Bahau	5,035.8	5,636.7	600.9	11.9
Kuala Selangor	3,401.0	3,821.2	420.2	12.4
Kuala Trengganu	9,610.5	10,179.1	568.6	5.9
Kuantan	11,298.1	11,894.4	596.3	5.3
Kulai	4,563.9	4,810.8	246.9	5.4
Kulim/Lunas	3,862.1	4,959.0	1,096.9	28.4
Lenggong	720.5	774.6	54.1	7.5
Machang	1,607.1	1,798.7	191.6	11.9
Malacca	17,733.1	18,114.4	381.3	2.1
Masjid Tanah	1,589.0	1,665.3	76.3	4.8
Menglembu	8,195.5	9,137.7	942.2	11.5
Mentakab/Temerloh	3,808.3	4,304.6	496.3	13.0
Muar	10,429.8	11,034.7	604.9	5.8
Nibong Tebal	3,020.5	3,157.3	136.8	4.5
Parit	1,431.7	1,518.7	87.0	6.1
Pasir Gudang	2,518.6	2,766.4	247.8	9.8
Pasir Mas	2,758.1	2,943.4	185.3	6.7
Pasir Puteh	1,637.8	1,729.7	91.9	5.6
Pekan	1,351.6	1,398.5	46.9	3.5
Pendang	1,343.9	1,389.4	45.5	3.4
Petaling Jaya	38,918.5	39,919.3	1,000.8	2.6
Pontian Kecil	4,065.9	4,313.1	247.2	6.1
Port Dickson	5,447.4	6,116.3	668.9	12.3
Port Klang	4,483.2	4,562.9	79.7	1.8
Pulau Langkawi	855.9	883.8	27.9	3.3
Pulau Pinang	33,340.7	35,527.2	2,186.5	6.6
Raub	2,354.2	2,738.8	384.6	16.3
Rawang	3,565.9	3,788.7	222.8	6.2
Rembau	1,206.5	1,241.7	35.2	2.9
Segamat	5,519.2	6,085.9	566.7	10.3
Seremban	14,015.1	14,768.2	753.1	5.4
Sungei Lembing	-	251.6	251.6	-
Shah Alam	7,404.3	8,265.0	860.7	11.6
Sitiawan/Lumut	4,208.0	4,894.9	686.9	16.3
Slim River	735.0	800.0	65.0	8.8
Sungei Besar	2,251.9	2,415.8	163.9	7.3
Sungai Kongkoi	23.4	24.4	1.0	4.3
Sungai Petani	7,337.6	8,265.2	927.6	12.6
Sungai Siput	2,047.8	2,138.7	90.9	4.4
Taiping	9,416.4	9,932.0	515.6	5.5
Tampin	2,272.1	2,321.8	49.7	2.2
Tanah Merah	1,063.0	1,170.5	107.5	10.1
Tangkak	1,351.5	1,432.5	81.0	6.0
Tanjung Rambutan	3,439.3	3,778.5	339.2	9.9
Tanjung Tualang	791.2	858.1	66.9	8.4
Tapah	915.8	950.2	34.4	3.7
Teluk Intan	6,490.0	6,722.6	232.6	3.6
Tumpat	2,433.6	2,524.8	91.2	3.7
TOTAL NATIONAL GRID STATIONS	598,427.6	638,594.7	40,418.7	6.7
TOTAL ALL STATIONS	609,053.8	649,350.4	40,296.6	6.6

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYABUDGET 1988/89ESTIMATED INCOME FROM SALES TO LOW VOLTAGE COMMERCIAL CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
<u>DIESEL STATIONS</u>				
Baling	1,122.7	1,836.7	714.0	63.6
Bandar Penawar	1,023.0	1,167.5	144.5	14.1
Bandar Permaisuri	84.5	111.6	27.1	32.1
Bandar 22 (Tun Razak)	91.7	94.6	2.9	3.2
Bera	38.6	140.6	102.0	264.2
Bukit Iban	56.3	57.5	1.2	2.1
Bukit Ridan	402.0	415.5	13.5	3.4
Gua Musang	760.8	860.6	99.8	13.1
Maran	378.5	466.3	87.8	23.2
Mersing	1,470.8	1,547.4	76.6	5.2
Rompin	397.6	479.2	81.6	20.5
Sungei Rengit	376.8	392.6	15.8	4.2
Rural Stations	126.8	111.6	(15.2)	(12.0)
Sg. Lembing	72.5	-	(72.5)	(100.0)
<u>TOTAL DIESEL STATIONS</u>	<u>6,402.6</u>	<u>7,681.7</u>	<u>1,279.1</u>	<u>20.0</u>

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO LOW VOLTAGE COMMERCIAL CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
<u>NATIONAL GRID STATIONS</u>				
Alor Gajah	1,510.7	1,564.9	54.2	3.6
Alor Star/Kepala Batas	18,201.0	19,617.3	1,416.3	7.8
Arau/Kangar	5,906.4	6,364.1	457.7	7.7
Bachok	702.3	729.0	26.7	3.8
Bagan Serai	2,880.5	2,939.2	58.7	2.0
Balik Pulau	753.8	780.9	27.1	3.6
Bandar Baru Kedah	581.5	603.4	21.9	3.8
Banting	3,828.3	3,920.3	92.0	2.4
Batu Gajah	1,839.6	1,894.7	55.1	3.0
Batu Pahat	12,634.3	13,149.3	515.0	4.1
Bentong	1,979.1	2,095.1	116.0	5.9
Besut	1,400.5	1,744.6	344.1	24.6
Bidor	1,363.8	1,439.2	75.4	5.5
Bukit Mertajam	7,457.5	7,652.9	195.4	2.6
Butterworth	15,581.5	16,011.7	430.2	2.8
Cameron Highlands	1,527.7	1,605.6	77.9	5.1
Dungun	2,256.1	2,452.7	196.6	8.7
Fraser's Hill	425.0	426.6	1.6	0.4
Gemas	357.7	378.4	20.7	5.8
Gopeng	544.5	556.0	11.5	2.1
Guar Chempedak	1,370.7	1,473.8	103.1	7.5
Grik	643.5	662.8	19.3	3.0
Ipoh	35,392.6	38,645.8	3,253.2	9.2
Jasin	1,370.7	1,405.0	34.3	2.5
Jengka	357.6	547.9	190.3	53.2
Jerantut	1,274.0	1,622.5	348.5	27.3
Jitra	2,675.0	3,074.6	399.6	14.9
Johor Bharu	40,316.6	44,171.7	3,855.1	9.6
Kajang	10,254.0	11,019.5	765.5	7.5
Kampar	2,405.6	2,535.3	129.7	5.4

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO LOW VOLTAGE COMMERCIAL CONSUMERS

	1987/88	1988/89	Increase over 1987/88	
	(Revised)	(Estimated)	Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Keteroh	618.6	657.2	38.6	6.2
Kemaman	4,031.2	4,436.3	405.1	10.0
Klang	15,611.3	15,835.3	224.0	1.4
Kluang	10,441.0	10,621.8	180.8	1.7
Kota Bharu	14,839.5	15,725.1	885.6	6.0
Kota Tinggi	1,942.9	2,047.2	104.3	5.4
Kuala Kangsar	2,001.3	2,361.1	359.8	18.0
Kuala Klawang	602.7	728.7	126.0	20.9
Kuala Krai	1,178.0	1,206.5	28.5	2.4
Kuala Kubu Bharu/Tg. Malim	2,743.2	3,167.0	423.8	15.4
Kuala Lipis	1,210.1	1,303.5	93.4	7.7
Kuala Lumpur (North)	111,572.9	116,449.0	4,876.1	4.4
Kuala Lumpur (South)	124,770.4	128,349.1	3,578.7	2.9
Kuala Lumpur (PVT)	154.1	160.1	6.0	3.8
Kuala Nerang	302.4	315.6	13.2	4.4
Kuala Pilah/Bahau	4,313.0	4,425.8	112.8	2.6
Kuala Selangor	2,560.6	2,666.4	105.8	4.1
Kuala Terengganu	10,708.4	11,586.6	878.2	8.2
Kuantan	17,266.9	17,899.7	632.8	3.7
Kulai	4,205.0	4,390.5	185.5	4.4
Kulim/Lunas	4,147.9	4,381.4	233.5	5.6
Lenggong	362.9	424.9	62.0	17.1
Machang	1,046.9	1,099.4	52.5	5.0
Malacca	21,681.5	22,305.5	624.0	2.9
Masjid Tanah	556.5	582.7	26.2	4.7
Menglembu	4,710.6	5,461.8	751.2	15.9
Mentakab/Temerloh	5,017.6	5,246.9	229.3	4.6
Muar	9,871.6	10,511.4	639.8	6.5
Nibong Tebal	2,780.3	2,911.2	130.9	4.7
Parit	874.2	950.5	76.3	8.7
Pasir Mas	1,566.6	1,898.3	331.7	21.2
Pasir Puteh	809.3	884.9	75.6	9.3
Pekan	852.5	904.6	52.1	6.1
Pendang	531.8	558.0	26.2	4.9
Petaling Jaya	56,088.6	56,987.2	898.6	1.6
Pontian Kecil	3,014.4	3,145.9	131.5	4.4
Port Dickson	6,697.4	7,617.6	920.2	13.7
Pasir Gudang	2,086.6	2,291.0	204.4	9.8

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO LOW VOLTAGE COMMERCIAL CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Port Kelang	6,753.5	6,995.7	242.2	3.6
Pulau Langkawi	1,356.2	1,423.9	67.7	5.0
Pulau Pinang	57,745.9	60,666.3	2,920.4	5.1
Raub	1,856.1	1,923.2	67.1	3.6
Rawang	2,915.6	2,974.5	58.9	2.0
Rembau	723.1	754.9	31.8	4.4
Segamat	6,807.7	7,057.9	250.2	3.7
Seremban	16,518.9	17,355.1	836.2	5.0
Shah Alam	7,557.1	9,265.1	1,708.0	22.6
Sitiawan/Lumut	3,569.1	3,896.1	327.0	9.2
Slim River	516.3	536.1	19.8	3.8
Sungei Besar	1,930.9	2,010.2	79.3	4.1
Sungei Lembing	-	72.7	72.7	-
Sungai Kongkoi	11.0	11.8	0.8	7.3
Sungei Petani	6,693.2	7,819.6	1,126.4	16.8
Sungei Siput	1,405.2	1,555.9	150.7	10.7
Taiping	9,991.4	10,533.4	542.0	5.4
Tampin	2,767.5	2,825.9	58.4	2.1
Tanah Merah	1,067.4	1,095.3	27.9	2.6
Tangkak	1,184.2	1,261.0	76.8	6.5
Tanjung Rambutan	1,964.9	2,044.6	79.7	4.1
Tanjung Tualang	431.6	509.5	77.9	18.0
Tapah	907.5	1,084.5	177.0	19.5
Teluk Intan	6,691.2	6,835.7	144.5	2.2
Tumpat	1,100.1	1,164.5	64.4	5.8
<u>TOTAL NATIONAL GRID STATIONS</u>	774,028.4	815,253.9	41,225.5	5.3
<u>TOTAL ALL STATIONS</u>	780,431.0	822,935.6	42,504.6	5.4

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO COMMERCIAL MEDIUM VOLTAGE (GENERAL) CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Alor Star/Kepala Batas	1,499.4	3,406.9	1,907.5	127.2
Butterworth	5,922.5	6,137.0	214.5	3.6
Ipoh	1,089.3	1,277.0	187.7	17.2
Jitra	937.6	993.3	55.7	5.9
Johor Bharu	5,878.1	5,662.5	(215.6)	(3.7)
Kajang	12,929.1	13,086.8	157.7	1.2
Kemaman	177.8	181.4	3.6	2.0
Ketereh	641.6	753.1	111.5	17.4
Klang	1,788.2	1,922.5	134.3	7.5
Kota Bharu	1,482.3	1,557.1	74.8	5.0
Kuala Lumpur (North)	61,379.3	64,591.5	3,212.2	5.2
Kuala Lumpur (South)	52,328.7	55,403.2	3,074.5	5.9
Kuala Lumpur (PVT)	111.1	117.4	6.3	5.7
Kuala Terengganu	3,192.5	3,641.6	449.1	14.1
Kulim	12.3	12.5	0.2	1.6
Kuantan	4,427.0	4,606.8	179.8	4.1
Malacca	3,767.7	4,354.3	586.6	15.6
Menglembu	555.0	582.4	27.4	4.9
Pasir Gudang	2,015.0	2,324.0	309.0	15.3
Pekan	113.0	116.0	3.0	2.6
Petaling Jaya	6,550.3	6,781.6	231.3	3.5
Pulau Langkawi	188.5	570.8	382.3	202.8
Pulau Pinang	6,239.5	6,395.4	155.9	2.5
Seremban	1,338.1	1,367.6	29.5	2.2
Shah Alam	7,176.5	8,177.0	1,000.5	13.9
Sitiawan/Lumut	6,970.8	7,118.5	147.7	2.1
Sungai Petani	530.3	563.8	33.5	6.3
Taiping	442.2	467.2	25.0	5.6
Tanjong Rambutan	637.5	650.8	13.3	2.1
Teluk Intan	995.4	1,029.7	34.3	3.4
<u>TOTAL ALL STATIONS</u>	191,316.6	203,849.7	12,533.1	6.6

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO COMMERCIAL MEDIUM VOLTAGE

(PEAK/OFF PEAK) CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Bentong	3,519.1	3,604.9	85.8	2.4
Ipoh	638.0	713.9	75.9	11.9
Johor Bharu	1,620.0	1,681.7	61.7	3.8
Kajang	2,425.9	2,470.6	44.7	1.8
Kota Bharu	954.7	976.9	22.2	2.3
Kuala Lumpur (North)	7,234.1	8,498.5	1,264.4	17.5
Kuala Lumpur (South)	11,665.2	12,184.4	519.2	4.4
Kuala Trengganu	675.3	692.7	17.4	2.6
Kuantan	601.7	706.8	105.1	17.5
Kulai	291.5	302.7	11.2	3.8
Malacca	1,741.7	1,810.1	68.4	3.9
Petaling Jaya	13,765.0	14,237.8	472.8	3.4
Port Kelang	2,995.7	3,098.4	102.7	3.4
Pulau Pinang	5,604.6	6,491.7	887.1	15.8
<u>TOTAL ALL STATIONS</u>	<u>53,732.5</u>	<u>57,471.1</u>	<u>3,738.6</u>	<u>7.0</u>

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO INDUSTRIAL LOW VOLTAGE CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
<u>DIESEL STATIONS</u>				
Baling	580.9	641.8	60.9	10.5
Bukit Ibam	236.7	237.6	0.9	0.4
Bukit Ridan	23.7	25.5	1.8	7.6
Gua Musang	20.3	134.1	113.8	560.6
Maran	180.9	186.6	5.7	3.1
Mersing	232.2	246.7	14.5	6.2
Rompin	86.2	93.4	7.2	8.3
<u>TOTAL DIESEL STATIONS</u>	1,360.9	1,565.7	204.8	15.0
<u>NATIONAL GRID STATIONS</u>				
Alor Gajah	1,380.9	1,519.1	138.2	10.0
Alor Star/Kepala Batas	2,914.0	3,356.1	442.1	15.2
Arau/Kangar	3,051.1	3,405.7	354.6	11.6
Bachok	93.1	106.8	13.7	14.7
Bagan Serai	1,708.0	1,748.2	40.2	2.3
Balik Pulau	129.6	156.0	26.4	20.4
Bandar Baru Kedah	82.8	86.5	3.7	4.5
Batu Gajah	497.1	516.0	18.9	3.8
Banting	2,514.8	2,868.2	353.4	14.0
Batu Pahat	7,791.3	8,508.7	717.4	9.2
Bentong	961.2	1,134.7	173.5	18.0
Besut	759.1	795.6	36.5	4.8
Bidor	591.6	619.6	28.0	4.7
Bukit Mertajam	2,465.0	2,559.1	94.1	3.8
Butterworth	21,050.2	24,038.8	2,988.6	14.2
Cameron Highlands	331.9	356.8	24.9	7.5
Dungun	646.7	811.3	164.6	25.4
Fraser's Hill	77.8	79.8	2.0	2.6
Genas	661.0	697.3	36.3	5.5
Gopeng	312.2	341.7	29.5	9.4

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO INDUSTRIAL LOW VOLTAGE CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Guar Chempedak	1,141.6	1,263.5	121.9	10.7
Ipoh	4,587.3	5,012.3	425.0	9.3
Jasin	625.2	646.1	20.9	3.3
Jengka	6.9	185.7	178.8	2,591.3
Jerantut	312.0	843.6	531.6	170.4
Jitra	962.6	1,024.4	61.8	6.4
Johore Bharu	13,424.9	14,623.9	1,199.0	8.9
Kajang	11,494.4	12,638.5	1,144.1	9.9
Kampar	1,480.8	1,759.1	278.3	18.8
Kemaman	495.3	676.3	181.0	36.5
Ketereh	142.0	152.8	10.8	7.6
Klang	11,182.9	12,172.0	989.1	8.8
Kluang	5,269.4	5,813.1	543.7	10.3
Kota Bharu	4,008.3	4,165.3	157.0	3.9
Kota Tinggi	715.3	759.9	44.6	6.2
Kuala Kangsar	844.9	865.1	20.2	2.4
Kuala Klawang	4.9	5.7	0.8	16.3
Kuala Krai	1,111.6	1,137.5	25.9	2.3
Kuala Kubu Bharu/Tg. Malim	997.6	814.5	(183.1)	(18.3)
Kuala Lipis	259.6	442.7	183.1	70.5
Kuala Lumpur (North)	23,722.0	25,904.9	2,182.9	9.2
Kuala Lumpur (South)	8,568.9	8,771.8	202.9	2.4
Kuala Nerang	155.9	164.7	8.8	5.6
Kuala Pilah/Bahau	3,142.3	3,347.2	204.9	6.5
Kuala Selangor	819.3	976.4	157.1	19.2
Kuala Terengganu	3,712.8	4,021.1	308.3	8.3
Kuantan	5,226.6	5,653.5	426.9	8.2
Kulai	3,213.2	3,567.1	353.9	11.0
Kulim/Lunas	3,702.1	4,556.1	854.0	23.1
Machang	354.5	592.8	238.3	67.2
Masjid Tanah	47.4	50.9	3.5	7.4
Melaka	11,051.0	11,312.2	261.2	2.4
Menglembu	11,768.7	12,929.6	1,160.9	9.9
Mentakab/Temerloh	3,536.2	3,826.2	290.0	8.2
Muar	4,850.2	5,333.7	483.5	10.0
Nibong Tebal	2,456.2	2,651.7	195.5	8.0

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO INDUSTRIAL LOW VOLTAGE CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Parit	1,845.3	2,038.6	193.3	10.5
Pasir Gudang	4,096.9	4,967.6	870.7	21.2
Pasir Mas	775.4	873.3	97.9	12.6
Pasir Puteh	338.2	373.3	35.1	10.4
Pekan	392.2	462.0	69.8	17.8
Pendang	14.5	16.8	2.3	15.9
Petaling Jaya	22,322.2	23,313.0	990.8	4.4
Pontian Kecil	1,724.2	1,498.9	(225.3)	(13.1)
Port Dickson	1,038.3	1,092.4	54.1	5.2
Port Kelang	6,774.6	7,228.4	453.8	6.7
Pulau Langkawi	141.9	160.8	18.9	13.3
Pulau Pinang	8,532.3	9,405.4	873.1	10.2
Raub	704.9	734.2	29.3	4.2
Rawang	2,479.8	2,583.1	103.3	4.2
Rembau	838.5	862.0	23.5	2.8
Segamat	2,312.7	2,561.3	248.6	10.7
Seremban	6,787.6	7,313.9	526.3	7.7
Shah Alam	14,253.4	15,812.1	1,558.7	10.9
Sitiawan/Lumut	456.6	483.7	27.1	5.9
Slim River	110.1	114.0	3.9	3.5
Sungai Besar	152.8	175.4	22.6	14.8
Sungai Petani	8,932.4	9,932.9	1,000.5	11.2
Sungai Siput	1,173.7	1,229.0	55.3	4.7
Taiping	3,956.7	4,208.1	251.4	6.3
Tampin	866.6	968.1	101.5	11.7
Tanah Merah	1,980.7	2,820.0	839.3	42.4
Tangkak	184.4	203.4	19.0	10.3
Tanjung Rambutan	2,749.0	3,065.1	316.1	11.5
Tanjung Tualang	45.4	55.0	9.6	21.1
Tapah	1,097.1	1,126.6	29.5	2.7
Teluk Intan	2,650.3	2,659.6	9.3	0.3
Tumpat	299.6	357.1	57.5	19.2
<u>TOTAL NATIONAL GRID STATIONS</u>	293,442.5	321,063.0	27,620.5	9.4
<u>TOTAL ALL STATIONS</u>	294,803.4	322,628.7	27,825.3	9.4

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO MEDIUM VOLTAGE INDUSTRIAL (GENERAL) CONSUMERS

	1987/88	1988/89	Increase over 1987/88	
	(Revised)	(Estimated)	Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
<u>DIESEL STATIONS</u>				
Bandar Penawar	273.0	273.9	0.9	0.3
Rompin	205.2	223.1	17.9	8.7
<u>TOTAL DIESEL STATIONS</u>	478.2	497.0	18.8	3.9
<u>NATIONAL GRID STATIONS</u>				
Alor Star/Kepala Batas	2,467.0	2,517.3	50.3	2.0
Bukit Mertajam	490.5	508.1	17.6	3.6
Butterworth	4,604.1	4,715.6	111.5	2.4
Dungun	57.8	35.4	(22.4)	(38.7)
Ipoh	3.0	-	(3.0)	(100.0)
Jerantut	-	461.0	461.0	-
Jitra	626.7	949.4	322.7	51.5
Johor Bharu	951.3	1,214.9	263.6	27.7
Kajang	1,092.9	1,731.6	638.7	58.4
Kemaman	755.4	842.3	86.9	11.5
Klang	3,023.6	3,546.0	522.4	17.3
Kluang	1,195.4	1,248.2	52.8	4.4
Kota Tinggi	887.8	1,181.7	293.9	33.1
Kuala Lumpur (North)	2,065.6	2,226.8	161.2	7.8
Kuala Lumpur (South)	3,150.4	2,903.3	(247.1)	(7.8)
Kuantan	0.4	-	(0.4)	(100.0)
Kulai	1,034.3	1,674.1	639.8	61.9
Malacca	1,302.3	1,425.7	123.4	9.5
Menglembu	13,021.1	14,117.6	1,096.5	8.4
Mentakab/Temerloh	1,432.5	1,500.0	67.5	4.7
Muar	105.7	-	(105.7)	(100.0)
Nibong Tebal	217.7	235.6	17.9	8.2
Pasir Gudang	841.0	2,167.4	1,326.4	157.7
Pekan	198.5	208.6	10.1	5.1
Petaling Jaya	8,401.9	9,149.7	747.8	8.9
Pulau Pinang	4,740.3	5,084.7	344.4	7.3
Rawang	1,159.5	1,202.3	42.8	3.7
Seremban	1,019.7	1,115.6	95.9	9.4
Segamat	24.2	-	(24.2)	(100.0)
Shah Alam	10,786.7	11,607.3	820.6	7.6
Sungai Petani	807.8	836.5	28.7	3.5
Taiping	1,386.8	1,424.4	37.6	2.7
<u>TOTAL NATIONAL GRID STATIONS</u>	67,851.9	75,831.1	7,979.2	11.8
<u>TOTAL ALL STATIONS</u>	68,330.1	76,328.1	7,998.0	11.7

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO MEDIUM VOLTAGE INDUSTRIAL (PEAK/OFF PEAK) CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
<u>NATIONAL GRID STATIONS</u>				
Aior Star/Kepala Batas	1,124.4	1,180.8	56.4	5.0
Arau/Kangar	458.0	527.6	69.6	15.2
Bagan Serai	895.5	937.1	41.6	4.6
Banting	5,586.9	6,580.2	993.3	17.8
Batu Pahat	5,145.2	5,302.6	157.4	3.1
Butterworth	36,063.8	37,265.4	1,201.6	3.3
Dungun	608.9	766.9	158.0	25.9
Ipoh	1,494.2	1,791.8	297.6	19.9
Jengka	886.5	1,334.4	447.9	50.5
Johor Bharu	13,843.8	12,745.4	(1,098.4)	(7.9)
Kajang	14,665.9	14,979.7	313.8	2.1
Kemaman	7,246.2	6,937.9	(308.3)	(4.2)
Klang	18,286.0	18,625.4	339.4	1.9
Kluang	4,334.1	4,503.6	169.5	3.9
Kota Tinggi	8,610.0	8,767.0	157.0	1.8
Kuala Kangsar	1,586.3	1,668.8	82.5	5.2
Kuala Kubu Bahru/T.Malim	450.0	556.8	106.8	23.7
Kuala Lumpur (North)	18,349.4	19,429.8	1,080.4	5.9
Kuala Lumpur (South)	4,658.0	4,858.1	200.1	4.3
Kuala Pilah/Bahau	819.1	1,076.9	257.8	31.5
Kuantan	7,372.7	7,827.2	454.5	6.2
Kulai	2,026.2	2,205.5	179.3	8.8
Kulim/Lunas	3,897.5	6,357.9	2,460.4	63.1
Malacca	13,580.8	14,289.5	708.7	5.2
Menglembu	15,162.5	16,346.9	1,184.4	7.8
Muar	3,897.6	5,056.5	1,158.9	29.7
Nibong Tebal	2,380.8	2,849.5	468.7	19.7
Parit	1,389.2	1,523.1	133.9	9.6
Pasir Gudang	21,748.0	24,846.3	3,098.3	14.2
Pekan	977.7	1,046.4	68.7	7.0
Pulau Langkawi	15,290.7	16,622.6	1,331.9	8.7
Rembau	246.2	271.8	25.6	10.4
Tanjong Rambutan	414.9	444.1	29.2	7.0

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYABUDGET 1988/89ESTIMATED INCOME FROM SALES TO MEDIUM VOLTAGE INDUSTRIAL(PEAK/OFF PEAK) CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Petaling Jaya	34,475.4	35,288.5	813.1	2.4
Pontian Kechil	252.8	507.4	254.6	100.7
Port Dickson	14,386.8	15,397.6	1,010.8	7.0
Port Kelang	6,224.7	6,447.8	223.1	3.6
Pulau Pinang	37,411.7	43,268.4	5,856.7	15.6
Raub	389.9	451.5	61.6	15.8
Rawang	18,054.0	18,644.5	590.5	3.3
Segamat	445.5	474.9	29.4	6.6
Seremban	11,613.0	12,546.8	933.8	8.0
Shah Alam	9,063.4	9,760.0	696.6	7.7
Sitiawan/Lumut	1,660.5	1,789.6	129.1	7.8
Sungai Petani	3,162.6	3,391.1	228.5	7.2
Taiping	11,448.0	11,668.2	220.2	1.9
Teluk Intan	1,468.1	1,553.5	85.4	5.8
<u>TOTAL NATIONAL GRID STATIONS</u>	383,553.4	410,713.3	27,159.9	7.1
<u>TOTAL ALL STATIONS</u>	383,553.4	410,713.3	27,159.9	7.1

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO HIGH VOLTAGE INDUSTRIAL CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Arau/Kangar	5,933.3	6,311.2	377.9	6.4
Butterworth	7,181.7	7,582.9	401.2	5.6
Egat	4,111.4	5,017.7	906.3	22.1
Kemaman	21,174.3	25,497.5	4,323.2	20.4
Klang	30,936.6	31,255.1	318.5	1.0
Kuala Kangsar	4,393.4	4,898.5	505.1	11.5
Sungei Petani	64.1	278.6	214.5	334.6
<u>TOTAL ALL STATIONS</u>	73,794.8	80,841.5	7,046.7	9.5

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO MINING CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
<u>LOW VOLTAGE STATIONS</u>				
Batu Gajah	1,244.7	1,307.1	62.4	5.0
Bidor	114.9	82.4	(32.5)	(28.3)
Gopeng	506.1	398.1	(108.0)	(21.3)
Kampar	4,168.3	4,792.9	624.6	15.0
Kuala Lumpur (PVT)	690.9	1,284.3	593.4	85.9
Menglembu	1,249.6	1,585.4	335.8	26.9
Port Dickson	46.4	50.9	4.5	9.7
Sungei Siput	159.3	239.7	80.4	50.5
Tanjong Tualang	627.7	629.9	2.2	0.3
Tapah	0.4	0.4	0.0	0.0
LOW VOLTAGE STATIONS TOTAL	8,808.3	10,371.1	1,562.8	17.7
<u>MEDIUM VOLTAGE (GENERAL) STATIONS</u>				
Kuala Lumpur (PVT)	1,000.3	1,023.4	23.1	2.3
Tanjong Tualang	0.6	-	(0.6)	(100.0)
MEDIUM VOLTAGE (GENERAL) STATIONS TOTAL	1,000.9	1,023.4	22.5	2.2
<u>MEDIUM VOLTAGE (PEAK/OFF PEAK) STATIONS</u>				
Bidor	1,922.6	2,009.6	87.0	4.5
Kampar	3,421.8	3,920.9	499.1	14.6
Kuala Lumpur (PVT)	20,477.0	24,217.6	3,740.6	18.3
Slim River	1,598.0	1,944.7	346.7	21.7
Tanjong Tualang	5,978.1	6,630.2	652.1	10.9
Taiping	972.2	1,070.8	98.6	10.1
Tapah	2,084.2	2,176.1	91.9	4.4
MEDIUM VOLTAGE (PEAK/OFF PEAK) STATIONS TOTAL	36,453.9	41,969.9	5,516.0	15.1
TOTAL ALL STATIONS	46,263.1	53,364.4	7,101.3	15.3

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO PUBLIC LIGHTING CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
<u>DIESEL STATIONS</u>				
Baling	57.6	60.7	3.1	5.4
Bandar Penawar	21.4	18.7	(2.7)	(12.6)
Bandar Permaisuri	7.9	8.4	0.5	6.3
Bandar Tun Razak	3.4	3.6	0.2	5.9
Bukit Ibam	1.7	1.7	0.0	0.0
Bukit Ridan	20.9	21.4	0.5	2.4
Bera	0.7	2.4	1.7	242.9
Gua Musang	6.0	6.0	0.0	0.0
Maran	4.6	4.8	0.2	4.3
Mersing	49.0	49.4	0.4	0.8
Rompin	8.9	9.4	0.5	5.6
Sungei Rengit	2.6	2.4	(0.2)	(7.7)
Rural Stations	49.4	38.0	(11.4)	(23.1)
<u>TOTAL DIESEL STATIONS</u>	234.1	226.9	(7.2)	(3.1)

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO PUBLIC LIGHTING CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
<u>NATIONAL GRID STATIONS</u>				
Alor Gajah	43.0	44.6	1.6	3.7
Alor Star/Kepala Batas	773.0	860.6	87.6	11.3
Arau/Kangar	112.6	115.9	3.3	2.9
Bachok	10.3	10.6	0.3	2.9
Bagan Serai	112.1	114.0	1.9	1.7
Balik Pulau	98.2	99.4	1.2	1.2
Bandar Baru Kedah	19.2	19.4	0.2	1.0
Banting	127.9	129.6	1.7	1.3
Batu Gajah	89.3	91.0	1.7	1.9
Batu Pahat	463.7	472.8	9.1	2.0
Bentong	98.4	101.8	3.4	3.5
Besut	94.6	95.8	1.2	1.3
Bidor	105.8	107.8	2.0	1.9
Bukit Mertajam	246.5	249.6	3.1	1.3
Butterworth	507.4	533.3	25.9	5.1
Cameron Highlands	77.3	81.1	3.8	4.9
Dungun	123.1	126.0	2.9	2.4
Fraser's Hill	1.9	2.2	0.3	15.8
Gemas	31.4	32.2	0.8	2.5
Gopeng	38.2	39.6	1.4	3.7
Guar Chempedak	31.9	36.5	4.6	14.4
Ipoh	1,177.2	1,216.0	38.8	3.3
Jasin	53.0	54.7	1.7	3.2
Jengka	8.6	12.2	3.6	41.9
Grik	20.9	21.8	0.9	4.3
Jerantut	23.3	24.2	0.9	3.9
Jitra	103.9	140.6	36.7	35.3
Johore Bharu	1,497.6	1,551.4	53.8	3.6
Kajang	548.4	581.8	33.4	6.1
Kampar	124.1	128.9	4.8	3.9
Kemaman	228.2	249.6	21.4	9.4
Ketereh	15.1	16.3	1.2	7.9
Klang	1,075.0	1,098.0	23.0	2.1
Kluang	297.1	307.9	10.8	3.6
Kota Bharu	350.2	363.6	13.4	3.8
Kota Tinggi	88.1	92.2	4.1	4.6
Kuala Kangsar	101.5	105.4	3.9	3.8
Kuala Klawang	18.2	19.4	1.2	6.6

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED INCOME FROM SALES TO PUBLIC LIGHTING CONSUMERS

	1987/88	1988/89	Increase over 1987/88	
	(Revised)	(Estimated)	Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Kuala Krai	21.6	22.1	0.5	2.3
Kuala Lipis	55.4	60.7	5.3	9.6
Kuala Kubu Bharu/Tg. Malim	149.0	153.8	4.8	3.2
Kuala Lumpur (North)	2,816.4	2,862.9	46.5	1.6
Kuala Lumpur (South)	2,554.8	2,689.1	134.3	5.3
Kuala Pilah/Bahau	116.4	118.3	1.9	1.6
Kuala Selangor	49.4	50.6	1.2	2.4
Kuala Terengganu	560.4	581.8	21.4	3.8
Kuantan	560.4	581.8	21.4	3.8
Kulai	285.1	295.7	10.6	3.7
Kulim/Lunas	161.8	164.9	3.1	1.9
Lenggong	35.0	36.5	1.5	4.3
Machang	16.8	18.2	1.4	8.3
Malacca	893.8	921.1	27.3	3.0
Masjid Tanah	7.4	8.4	1.0	13.5
Mentakab/Temerloh	161.8	168.5	6.7	4.1
Menglembu	396.2	426.7	30.5	7.7
Muar	471.1	480.0	8.9	1.9
Nibong Tebal	168.0	171.6	3.6	2.1
Parit	51.4	53.3	1.9	3.7
Pasir Gudang	6.5	6.7	0.2	3.9
Pasir Mas	38.9	40.1	1.2	3.9
Pasir Puteh	12.5	13.0	0.5	4.0
Pekan	53.0	55.7	2.7	5.1
Petaling Jaya	2,240.4	2,290.8	50.4	2.2
Pontian Kecil	115.9	118.8	2.9	2.5
Port Dickson	169.2	174.5	5.3	3.1
Port Kelang	79.7	87.4	7.7	9.7
Pulau Langkawi	28.6	31.4	2.8	9.8
Pulau Pinang	1,497.4	1,533.1	35.7	2.4
Raub	70.1	71.5	1.4	2.0

NATIONAL ELECTRICITY BOARD OF THE STATES OF MALAYABUDGET 1988/89ESTIMATED INCOME FROM SALES TO PUBLIC LIGHTING CONSUMERS

	1987/88 (Revised)	1988/89 (Estimated)	Increase over 1987/88	
			Amount	%
	(1) \$000	(2) \$000	(3) \$000	(4)
Rawang	114.7	116.4	1.7	1.5
Rembau	32.6	32.6	0.0	0.0
Segamat	304.3	319.9	15.6	5.1
Seremban	647.3	666.7	19.4	3.0
Shah Alam	658.3	688.3	30.0	4.6
Sitiawan/Lumut	183.6	189.1	5.5	3.0
Slim River	35.8	38.9	3.1	8.7
Sungei Besar	36.0	37.4	1.4	3.9
Sungei Petani	236.6	247.2	10.6	4.5
Sungei Siput	119.5	122.4	2.9	2.4
Taiping	487.9	499.4	11.5	2.4
Tampin	97.9	101.8	3.9	3.9
Tanah Merah	9.6	10.1	0.5	5.2
Tangkak	53.8	54.7	0.9	1.7
Tanjung Rambutan	169.2	184.3	15.1	8.9
Tanjung Tualang	20.6	22.3	1.7	8.2
Tapah	49.9	51.6	1.7	3.4
Teluk Intan	181.2	186.7	5.5	3.0
Tumpat	22.3	23.3	1.0	4.5
TOTAL NATIONAL GRID STATIONS	26,241.7	27,229.9	988.2	3.8
TOTAL ALL STATIONS	26,475.8	27,456.8	981.0	3.7

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA
BUDGET 1988/89

APPENDIX L

COMPARISON OF ORIGINAL ESTIMATE AND REVISED BUDGETS FOR 1987/88

	Original Estimate	Revised Budget	Difference		Budgets in cents per unit sold	
			Amount	per-centage	Original	Revised
			(3) \$000s	(4) %	(5) Cents	(6) Cents
(1) \$000s	(2) \$000s	(3) \$000s	(4) %	(5) Cents	(6) Cents	
Income from sales of electricity						
Domestic	597,500.5	609,053.8	11,553.3	1.93	21.34	21.31
L.V. Commercial	773,111.9	780,431.0	7,319.1	0.95	23.93	23.91
M.V. General Commercial	190,843.2	191,316.6	473.4	0.25	22.99	22.31
M.V. Peak/Off Peak Commercial	48,000.1	53,732.5	5,732.4	11.94	16.28	17.49
L.V. Industrial	290,363.8	294,803.4	4,439.6	1.53	17.30	16.85
M.V. General Industrial	71,812.7	68,330.1	(3,482.6)	(4.85)	16.70	15.62
M.V. Peak/Off Peak Industrial	338,583.3	383,553.4	44,970.1	13.28	12.94	12.90
H.V. Industrial	81,188.9	69,683.4	(11,505.5)	(14.17)	11.36	10.43
Bulk Supply to EGAT	4,326.6	4,111.4	(215.2)	(4.97)	10.82	11.04
L.V. Mining	9,134.1	8,808.3	(325.8)	(3.57)	14.91	14.42
M.V. General Mining	862.6	1,000.9	138.3	16.03	15.96	17.63
M.V. Peak/Off Peak Mining	32,986.9	36,453.9	3,467.0	10.51	11.81	11.62
Public Lighting	28,315.0	26,475.8	(1,839.2)	(5.50)	22.76	21.80
Other Income	2,467,029.6	2,527,754.5	60,724.9	2.46	18.82	18.51
	57,475.8	189,192.7	131,716.9	229.17	0.44	1.38
Total Income	2,524,505.4	2,716,947.2	192,441.8	7.62	19.26	19.89
Less Operating Expenses						
Generation	1,108,397.9	937,715.4	(170,682.5)	(15.39)	8.46	6.87
Electricity purchased in bulk	164.0	233.3	69.3	42.26	6.96	7.29
Transmission	1,108,561.9	937,948.7	(170,613.2)	(15.39)	8.46	6.87
Distribution	82,982.4	86,525.9	3,543.5	4.27	0.63	0.63
Consumers service	224,803.0	235,419.2	10,616.2	4.72	1.72	1.72
Meter Reading, billing & collection of accounts	15,477.3	17,715.4	2,238.1	14.46	0.12	0.13
Training and Welfare	39,489.2	43,418.7	3,929.5	9.95	0.30	0.32
Administration	27,960.2	26,157.3	(1,802.9)	(6.45)	0.21	0.19
General Expenses	33,666.8	33,000.9	(665.9)	(1.98)	0.26	0.24
Unrealised foreign Exchange losses	56,743.0	55,994.3	(748.7)	(1.32)	0.43	0.41
	105,000.0	198,000.0	93,000.0	88.57	0.80	1.45
Operating surplus	1,694,683.8	1,634,180.4	(60,503.4)	(3.57)	12.93	11.96
	829,821.6	1,082,766.8	252,945.2	30.48	6.33	7.93
Less Interest payable on borrowings	261,140.0	289,696.0	28,556.0	10.94	1.99	2.12
Bank Overdraft	-	-	-	-	-	-
Corporate Tax	216,104.4	134,300.0	(81,804.4)	(37.9)	1.65	0.98
	477,244.4	423,996.0	(53,248.4)	(11.2)	3.64	3.10
Net Revenue	352,577.2	658,770.8	306,193.6	86.8	2.69	4.83

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1988/89

COMPARISON OF ORIGINAL ESTIMATE AND REVISED BUDGETS FOR 1987/88

	Original Estimate	Revised Budget	Difference		Budgets in cents per unit sold	
			Amount	per-centage	Original	Revised
	(1) \$000s	(2) \$000s	(3) \$000s	(4) %	(5) Cents	(6) Cents
Net Revenue Brought Forward	352,577.2	658,770.8	306,193.6	86.84	2.69	4.83
Less: Interest payable on ordinary stock	45,135.0	27,081.0	(18,054.0)	(40.00)	0.34	0.20
	307,442.2	631,689.8	324,247.6	105.47	2.35	4.63
Add: Dividend received from investments in industries	220.0	164.0	(56.0)	(25.45)	-	-
	220.0	164.0	(56.0)	(25.45)	-	-
Surplus used to finance capital requirements	307,662.2	631,853.8	324,191.6	105.37	2.35	4.63
Transferred to Capital Development A/C	300,862.2	618,978.3	318,116.1	105.73	2.30	4.53
General reserve	6,800.0	12,875.5	6,075.5	89.35	0.05	0.10
	307,662.2	631,853.8	324,191.6	105.37	2.35	4.63

NATIONAL ELECTRICITY BOARD

OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED BALANCE SHEETS AS AT 31ST AUGUST 1988 AND 1989

	1987 Actual	1988 Revised	1989 Estimated
	\$000	\$000	\$000
NET ASSET			
Fixed Asset			
Property, plant and equipment at cost	10,116,273	11,528,721	12,956,721
<u>Add</u> Estimated expenditure for year	1,416,914	1,434,000	925,000
	11,533,187	12,962,721	13,881,721
<u>Less</u> Disposal	4,466	6,000	6,000
At cost to the Board less disposal	11,528,721	12,956,721	13,875,721
<u>Less</u> Provision for depreciation	2,216,520	2,567,701	2,963,634
	9,312,201	10,389,020	10,912,087
<u>Less</u> Balance of contribution from consumers	1,262,260	1,350,144	1,418,028
	8,049,941	9,038,876	9,494,059
Investment in Industries	4,991	4,991	4,991
Current Assets			
Fuel at cost	85,930	90,000	90,000
Stores at cost	270,988	260,000	250,000
Rechargeable work in progress at cost	32,405	27,943	19,878
Debtors	441,160	460,000	480,000
Staff advance	263,380	295,000	320,000
Payments in advance	3,949	4,000	4,000
Short Term Deposits and Cash			
at Banks	570,624	234,523	248,343
Cash in hand	469	470	475
	1,668,905	1,371,936	1,412,696
	9,723,837	10,415,803	10,911,746

/TKR.

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1988/89

ESTIMATED BALANCE SHEETS AS AT 31ST AUGUST 1988 AND 1989

	1987 Actual	1988 Revised	1989 Estimated
	\$000	\$000	\$000
Less Current Liabilities			
Income Tax Provision	260,704	134,300	49,000
Creditors, accrues liabilities and short-term retentions on capital contracts	769,863	750,000	700,000
Consumers deposits	267,883	295,000	325,000
Borrowings - repayable within 12 months	370,859	273,505	260,000
Bank Overdrafts and Short-Term loans	102,689	-	-
	1,771,998	1,452,805	1,334,000
	7,951,839	8,962,998	9,577,746
FINANCED AS FOLLOWS			
Ordinary stock	902,700	902,700	902,700
Reserves used in the Board's business:			
Capital development account	3,485,917	4,104,895	4,723,830
General reserve	239,900	252,775	270,494
Borrowings	3,323,322	3,702,628	3,680,722
	7,951,839	8,962,998	9,577,746

/TKR.

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1988/89

FINANCIAL COVENANT REQUIREMENTS BY WORLD BANK
(in \$000)

Year ending 31st August	1987 (Actual)	1988 (Revised)	1989 (Estimated)
A. <u>SELF FINANCING RATIO</u>			
Internal Cash Generation:			
Surplus as per Revenue Account	462,205	631,854	636,654
Depreciation	331,486	354,181	398,933
Consumers' contribution other than for rural electrification	92,886	125,600	121,000
Unrealised foreign exchange losses	195,508	198,000	200,000
Equity	11,913	-	-
	1,093,998	1,309,635	1,356,587
Less Consumers contributions transferred to revenue	118,418	132,116	132,116
Loan repayments	379,157	337,360	273,505
Investment in Industries	-	-	-
Increase/(decrease) in working capital	19,440	(75,130)	146,060
Net Internal Cash Generation	576,983	915,289	804,906
Capital Development Programme:			
Capital expenditure as per Budget	1,397,474	1,434,000	925,000
Less Rural electrification	78,502	74,400	79,000
	1,318,972	1,359,600	846,000
3 year Average (current, preceding and following year)	1,225,348	1,174,857	1,017,200
Self Financing Ratio on 3 year average capital expenditure	47.1%	77.9%	79.1%
Self Financing Ratio as required by World Bank/Asian Development Bank	30.0%	30.0%	30.0%

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1988/89
FINANCIAL COVENANT REQUIREMENTS BY WORLD BANK
(in \$000)

Year ending 31st August	1988 (Revised)	1989 (Estimated)	Bank Requirement
C. <u>DEBT EQUITY RATIO</u>			
Borrowings	3,702,628	3,680,722	-
Equity - Ordinary Stock & Reserves	5,260,370	5,897,024	-
TOTAL	8,962,998	9,577,746	-
Debt Equity Ratio	41:59	38:62	60:40
D. <u>DEBT SERVICE COVERAGE</u>			
Net Internal Cash (Item A)	915,289	804,906	-
Add: Debt Service	627,056	595,266	-
Total Internal Cash Generation	1,542,345	1,400,172	-
Loan Repayments	337,360	273,505	-
Interest Revenue	289,696	321,761	-
Total Debt Service	627,056	595,266	-
Debt Service Coverage	2.5	2.4	1.3
E. <u>CURRENT RATIO</u>			
Current Assets	1,371,936	1,412,696	-
Current Liabilities less consumers deposit	1,157,805	1,009,000	-
Current Ratio	1.2	1.4	1.1
F. <u>RATE OF RETURN</u>			
Revalued Fixed Assets in Operation	12,925,300	14,628,100	-
Less: Revalued Depreciation	3,624,100	4,155,400	-
Revalued Consumers Contribution	1,525,200	1,646,700	-
Net Revalued Assets	7,776,000	8,826,000	-
Average Net Revalued Assets	7,445,900	8,301,000	-
Net Revenue before Interest & Corporate Tax	1,082,767	1,034,332	-
Rate of Return	14.5%	12.5%	8.0%

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1989/90 REVENUE ACCOUNT

	Year ended 31st August 1988		Year ending 31st August 1989		Year ending 31st August 1990	
	Revised	Per unit sold	Estimated	Per unit sold	Provisional	Per unit sold
	(1) \$	(2) cents	(3) \$	(4) cents	(5) \$	(6) cents
Income from sales of electricity	2,527,754,500	18.51	2,704,939,600	18.44	2,893,911,000	18.44
Other Income	189,192,700	1.38	175,523,800	1.20	190,000,000	1.21
	2,716,947,200	19.89	2,880,463,400	19.64	3,083,911,000	19.65
Less operating expenses						
Generation	937,715,400	6.87	1,121,053,200	7.65	1,200,565,000	7.65
Electricity purchased in Bulk	233,300	7.29	243,000	7.36	200,000	7.36
	937,948,700	6.87	1,121,296,200	7.65	1,200,765,000	7.65
Transmission	86,525,900	0.63	74,989,000	0.51	80,038,000	0.51
Distribution	235,419,200	1.72	247,682,500	1.69	263,654,000	1.68
Consumers' service	17,715,400	0.13	17,714,800	0.12	17,263,000	0.11
Meter reading billing & collection of accounts	43,418,700	0.32	44,129,000	0.30	47,081,000	0.30
Training and Welfare	26,157,300	0.19	31,096,500	0.21	32,957,000	0.21
Administration	33,000,900	0.24	42,695,500	0.29	39,234,000	0.25
General expenses	55,994,300	0.41	66,528,200	0.45	70,621,000	0.45
Unrealised Foreign exchange losses	198,000,000	1.45	200,000,000	1.36	200,000,000	1.27
	1,634,180,400	11.96	1,846,131,700	12.59	1,951,613,000	12.43
Operating surplus	1,082,766,800	7.93	1,034,331,700	7.05	1,132,298,000	7.22
Less: Interest payable on						
Borrowings	289,696,000	2.12	321,761,000	2.19	340,000,000	2.17
Bank Overdrafts	-	-	-	-	-	-
Corporate Tax	134,300,000	0.98	49,000,000	0.33	184,000,000	1.17
	423,996,000	3.10	370,761,000	2.52	524,000,000	3.34
Net Revenue	658,770,800	4.83	663,570,700	4.53	608,298,000	3.88

NATIONAL ELECTRICITY BOARD
OF THE STATES OF MALAYA

BUDGET 1989/90 REVENUE ACCOUNT

	Year ended 31st August 1988		Year ending 31st August 1989		Year ending 31st August 1990	
	Revised	Per unit sold	Estimated	Per unit sold	Provisional	Per unit sold
	(1) \$	(2) cents	(3) \$	(4) cents	(5) \$	(6) cents
Net Revenue Brought Forward	658,770,800	4.83	663,570,700	4.53	608,298,000	3.88
Less: Interest payable on ordinary stock	27,081,000	0.20	27,081,000	0.19	27,081,000	0.17
	631,689,800	4.63	636,489,700	4.34	581,217,000	3.71
Add: Dividend received from investments in industries	164,000	-	164,000	-	164,000	-
Surplus-used to finance capital requirements	631,853,800	4.63	636,653,700	4.34	581,381,000	3.71
Transferred to Capital development account	618,978,300	4.53	618,935,200	4.22	562,484,000	3.59
General reserve	12,875,500	0.10	17,718,500	0.12	18,897,000	0.12
	631,853,800	4.63	636,653,700	4.34	581,381,000	3.71